



**DD11-D**  
**Engineering Drawings**  
Digital Equipment Corporation

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## SEQUENCE

## SEQUENCE

DRAWING DIRECTORY (DD11-D)	B-DD-DD11-D
BACK PLANE ASSY	C-AD-7011164-0-0
BACK PLANE ASSY (DD11DF)	C-AD-7012306-0-0
MODULE UTILIZATION (DD11-D)	D-MU-DD11-D-2
POWER HARNESS (BA11-K,BA11-L)	D-IA-7011108-0-0
POWER HARNESS (BA11-F,BA11-P)	D-IA-7011109-0-0
CIRCUIT SCHEMATIC (DD11-D)	D-CS-5411414-0-1
WIRE LIST (COMPLETE)	K-WL-DD11-D-1

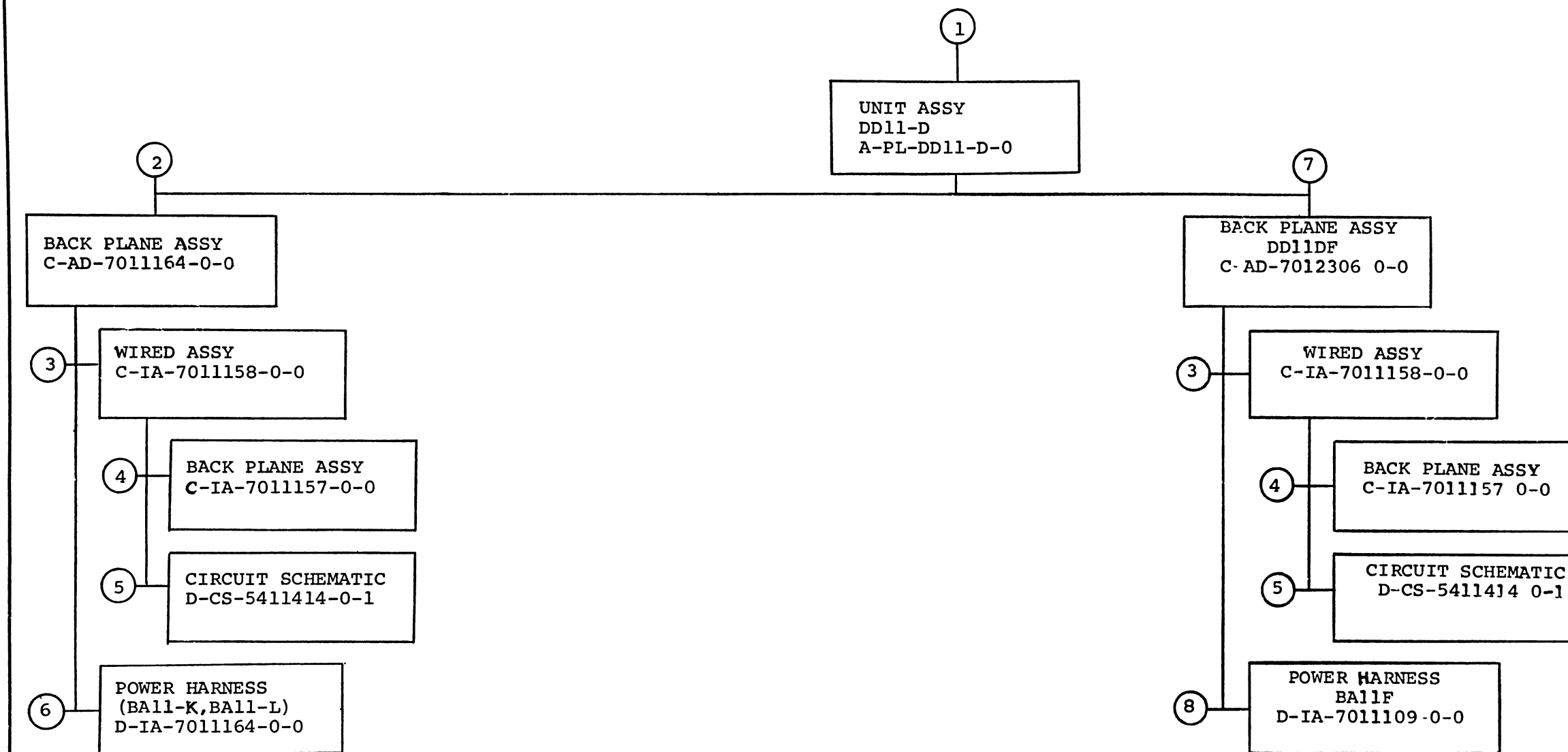
NOTE: DD11DK ASSEMBLIES ARE  
ELECTRICALLY INCOMPATIBLE WITH  
DD11DF ASSEMBLIES. A DD11DK  
WILL WORK IN BALL-L AND BALL-K  
BOXES ONLY. A DD11DF WILL WORK  
IN BALL-F AND BALL-P BOXES ONLY.

[illegible]

REVISIONS				USED ON OPTION/MODEL		DRN.	DATE	TITLE			
DATE	CHG. NO.	REV						SIZE	CODE	NUMBER	REV
2-76	DD11 D-00001	A				M. BAPTISTE	5/12/75	B	DD	DD11-D	C
9-76	DD11 D-00004	B				CHK'D.	DATE				
2-77	DD11 D-00005	C				D. HEALY	5/15/75				
						PROJ ENG.	DATE				
						Richard Barry	5/28/75				
						PROD	DATE				
						1/17/75	1/17/75				
						FIELD SERV.	DATE				
						6-17-75	6-17-75				
						SHEET 1 OF 3					

MP-ØDD11-DØ

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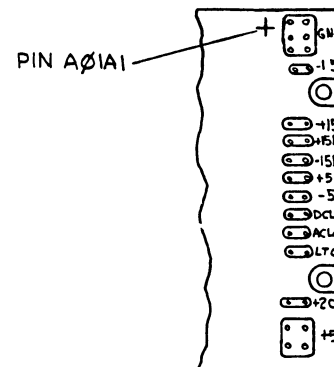
TITLE	SIZE	CODE	NUMBER	REV
DRAWING DIRECTORY DD11-D	B	DD	DD11-D	C
SHEET 2 OF 3				



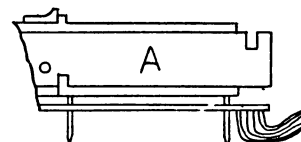
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WIRE TABLE

FROM				TO			
COLOR	POINT	CONNECTION	SIGNAL	COLOR	POINT	CONNECTION	SIGNAL
BLUE	P4-13	SOLDER	-15V	BRN	P2-14	SOLDER	-5V
RED	P4-4		+5V	BLK	P2-8		GND
RED	P4-1		+5V	GRAY	P2-2		+15
BLK	P4-8		GND	ORG	P2-3		+20
ORG	P4-3		+20V	BLK	P2-9		GND
BLK	P4-9		GND	RED	P2-12	SOLDER	+5B
WHT	P4-6		+15B	ITEM 5	ITEM 6	SOLDER	GND
GRN	P4-15		-15B				
YEL	P3-4		ACLO				
BLK	P3-1		GND				
BRN	P3-2		LTC				
VIO	P3-3		DCLO				
RED	P2-4		+5V				
RED	P2-1	SOLDER	+5V				

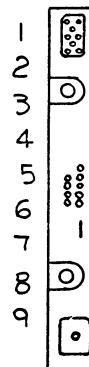


VIEW A



SEE VIEW A

SLOT



SIDE 2

5011413 5411414

DD11-D

SEE NOTE 1

43

FIRST USED ON OPTION/MODEL		
DD11-DK		
DIMENSIONAL TOLERANCE		
DIMENSIONS ARE <u>MILLIMETERS</u> UNLESS OTHERWISE SPECIFIED		
MILLIMETERS	INCHES	ANGLES
X.XX ±0.10	.XXX ±.005	±0° 30'
X.X ±0.5	.XX ±.02	
X ±2	.X ±.1	
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	
	MATERIAL SEE PARTS LIST	
	FINISH + +	

NOTES:

- WHEN THE DD11-DK'S USED WITH A BAIL-K EXPANSION BOX WITHOUT BATTERY BACK-UP (I.E., NO H785 NOR H7850), INSTALL THE THREE JUMPERS SHOWN:  
a) -15 TO -15B, b) +15 TO +15B, c) +5 TO +5B  
USE #20 SHIELDED BUS WIRE ON SIDE 2. THIS WILL PROVIDE POWER TO THE MOS MEMORY VOLTAGE RAILS. (SEE NOTE 3)
- INSTALL ITEM #6 UNDER LOGIC FRAME MOUNTING SCREW TO TIE LOGIC GROUND TO CHASSIS GROUND.
- BAIL-K'S THAT USE THE 5410864-YA-1 POWER DISTRIBUTION (I.E., 11/34A, 11/34 WITH FP11-AU, AND SOME 11/04'S) AND HAVE MORE THAN ONE DD11-DK (OR AN ADDITIONAL DD11-DK) CAN ONLY HAVE THE +5 TO +5B JUMPER IN ONE OF THE BACK PANELS. IF TWO OF THE BACK PANELS HAVE THE JUMPER IN THE +5V REGULATORS MAY BE CONNECTED TOGETHER. TYPICALLY THIS JUMPER IS IN THE FIRST BACK PANEL, BUT IT MAY BE PLACED IN ONE OF THE OTHER BACK PANELS IF DEEMED NECESSARY FOR POWER REQUIREMENTS.

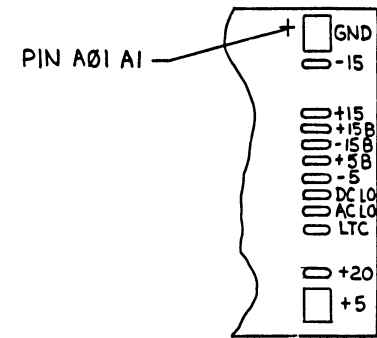
QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	TERMINAL, SOLDER	9008150	6
2"	WIRE, BLK STRD #14	9107370-00	5
6"	TUBING, #20 (CLEAR)	9107267-10	4
6"	WIRE, BUS #20	9107560-02	3
1	POWER HARNESS (BAIL-K, BAIL-D)	D-1A-7011108-0-0	2
1	WIRED ASSY DD11-D	C-1A-7011158-0-0	1

PARTS LIST			
DRN	DATE		
CHK'D	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE	TITLE	
NEXT HIGHER ASSY.		BACKPLANE ASS'Y (DD11-DK)	
A-PL-DD11-D-Ø		SIZE CODE	NUMBER
SCALE ++		CAD	7011164-0-0
SHEET 1 OF 1		DIST.	REV. C

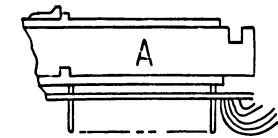
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WIRE TABLE

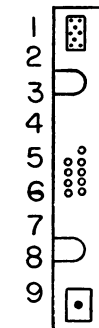
FROM			TO	FROM			TO
COLOR	POINT	CONNECTION	SIGNAL	COLOR	POINT	CONNECTION	SIGNAL
BLU	P4-13	SOLDER	-15 V	BRN	P2-14	SOLDER	-5V
RED	P4-4		+ 5 V	BLK	P2-8		GND
RED	P4-1		+ 5 V	GRY	P2-2		+15
BLK	P4-8		GND	ORN	P2-3		+ 20
ORN	P4-3		+ 20 V	BLK	P2-9		GND
BLK	P4-9		GND	RED	P2-10	SOLDER	+ 5 B
WHT	P4-6		+15 B	ITEM#5	ITEM#6	SOLDER	GND
GRN	P4-15		-15 B				
YEL	P3-4		AC LO				
BLK	P3-1		GND				
BRN	P3-2		LTC				
V10	P3-3		DC LO				
RED	P2-4		+ 5 V				
RED	P2-1	SOLDER	+ 5 V				



VIEW "A"



SLOT



PIN A01 A1

SEE VIEW "A"

SEE NOTE 1


3  
4

FIRST USED ON OPTION/MODEL		
DD11-DF		
DIMENSIONAL TOLERANCE		
DIMENSIONS ARE <del>MILLIMETERS</del> INCHES UNLESS OTHERWISE SPECIFIED		
MILLIMETERS	INCHES	ANGLES
X,XX = ±0.10	XX = ±0.03	±0° 30'
X,X = ±0.5	XX = ±0.02	
X = ±2	X = ±.1	
THIRD ANGLE PROJECTION		REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓
MATERIAL		SEE PARTS LIST
FINISH		

NOTES:

1. WHEN DD11-DF IS USED WITH A BAI1-F EXP. BOX WITHOUT BATTERY BACK UP INSTALL THE THREE JUMPERS SHOWN:  
1) -15 TO -15 B  
2) +15 TO +15 B  
3) +5 TO +5 B  
USE #20 INSULATED BUS WIRE ON SIDE 2. THIS WILL PROVIDE POWER TO THE MOS MEM VOLTAGE RAILS.
2. INSTALL ITEM #6 UNDER LOGIC FRAME MTG. SCREW TO TIE LOGIC GROUND TO CHASSIS GROUND.
3. THE BAI1-F POWER HARNESS ITEM #2 IS NOT ELECTRICALLY COMPATIBLE WITH THE BAI1-L OR BAI1-K MOUNTING BOX.

QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	TERMINAL, SOLDER	9008150	6
AIR	WIRE, BLK STRD #14	9107370-00	5
AIR	TUBING, #20 (CLEAR)	9107267-10	4
AIR	WIRE, BUS # 20	9107560-03	3
1	POWER HARNESS BAI1-F	D-IA-7011109-0-0	2
1	WIRED ASSY DD11-D	C-IA-7011158-0-0	1

QTY.		DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
DRN. R Beasley	DATE 12-13-75		TITLE BACK PLANE ASSY  (DD11-DF)	
CHK'D J. Beasley	DATE 12-18-75			
ENG. Richard Beasley	DATE 3-10-76			
PROJ. ENG. Richard Beasley	DATE 3-10-76			
PROD. K. Beasley	DATE 3-16-76			
NEXT HIGHER ASSY.				
A-PL- DD11-DF-Ø		SIZE CODE C AD	NUMBER 7012306-0-0	REV. A
SCALE —H—				
SHEET	OF	DIST.		

REVISIONS	CHANGE NO.	REV.
CHK	DD11D-00006	A
D. Beasley 5 May 77		
R. Beasley 9 May 77		



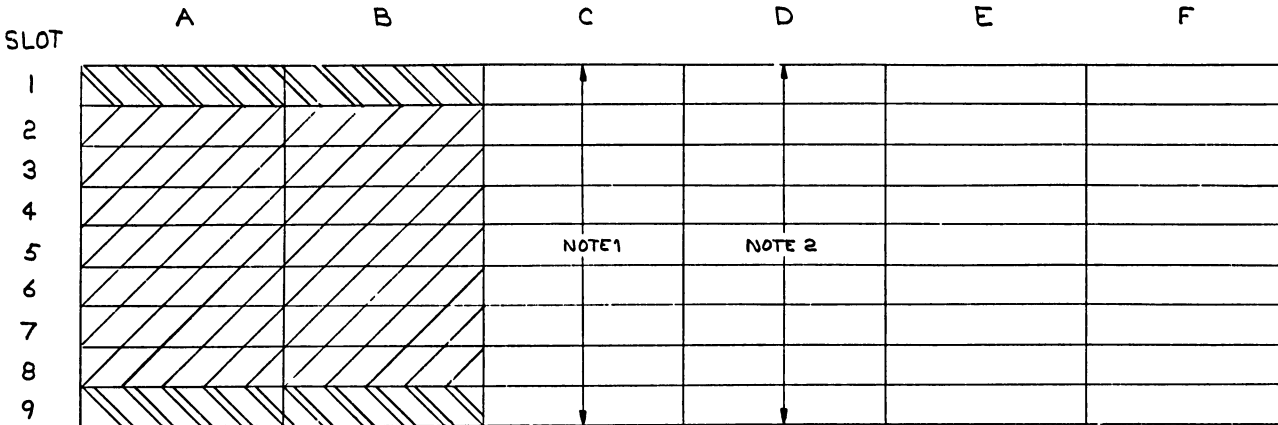
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SLOT 1 (A&B) IS EITHER THE BEGINNING OF THE UNIBUS (M7263 CPU MODULE) OR THE UNIBUS CABLE INPUT (BC11A)

SLOT 9 (A&B) IS EITHER THE TERMINATION OF THE UNIBUS OR THE UNIBUS OUTPUT CABLE (BC11A)

UNIBUS INPUT

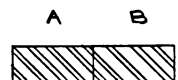
BUS GRANT DIRECTION



CABLE FROM KY11-LA OPERATORS CONSOLE, USED WITH (M7263) PDP1104 CPU MODULE ONLY, TERMINATES HERE.

### NOTES:

1. REMOVE CA1 TO CB1 WIRE WRAP JUMPER TO INSTALL AN NPR OPTION IN ANY SPC SLOT.
2. G727 REQUIRED IN ANY UNUSED SPC SLOT TO PROVIDE BUS GRANT CONTINUITY
3. GRANT DIRECTION IS SLOT 1 TO SLOT 9.
4. USE M9202 TO INTERCONNECT SYSTEM UNITS INSTEAD OF M920. M920 IS A 2 FT. UNIBUS JUMPER CABLE USED TO DISTRIBUTE UNIBUS LOADING.
5. M9302 (SACK/TERM) AND M930 (TERM) MUST NEVER BE INSTALLED IN ANY SLOT OTHER THAN SLOT 9 (A & B). POWER SUPPLY VOLTAGES WILL BE SHORTED OUT IF THESE TERMINATORS ARE MOUNTED IN THE MODIFIED UNIBUS SLOTS.
6. MODIFIED UNIBUS SECTION CARRIES CORE AND MOS MEMORY VOLTAGE RAILS AND MEMORY PARITY CONTROL SIGNALS INSTEAD OF BUS GRANT AND SOME GND SIGNALS THAT ARE CONTAINED IN STANDARD UNIBUS SLOTS.



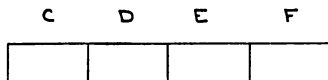
STANDARD UNIBUS (SLOT 1-9)

DUAL MODULES WHICH PLUG INTO STANDARD UNIBUS SLOTS ONLY: BC11A UNIBUS CABLE M9302 SACK/TERM (W/TS) M920 (NOTE 4) M930 (NOTES 5) M9202 (NOTE 4)

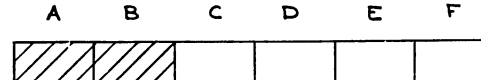


MODIFIED UNIBUS (SLOT 2-8)

DUAL MODULES WHICH PLUG INTO THE MODIFIED UNIBUS ONLY: M9301 BOOT/TERM. M9306 TERM. M7850 PARITY CONT.

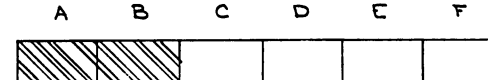


SMALL PERIPHERAL CONTROLLER (SLOT 1-9) ANY S.P.C. OPTION



HEX MODULE WITH MODIFIED UNIBUS SIGNALS (SLOTS 2-8)

HEX MODULES THAT PLUG INTO MODIFIED UNIBUS ONLY: M7847 MOS MEMORY (MS11-EP-JP) MM11-BP, CP, DP OR YP CORE MEMORY



HEX MODULE WITH STANDARD UNIBUS SIGNALS (SLOT 1 ONLY)

M7263 PDP1104 CPU MODULE

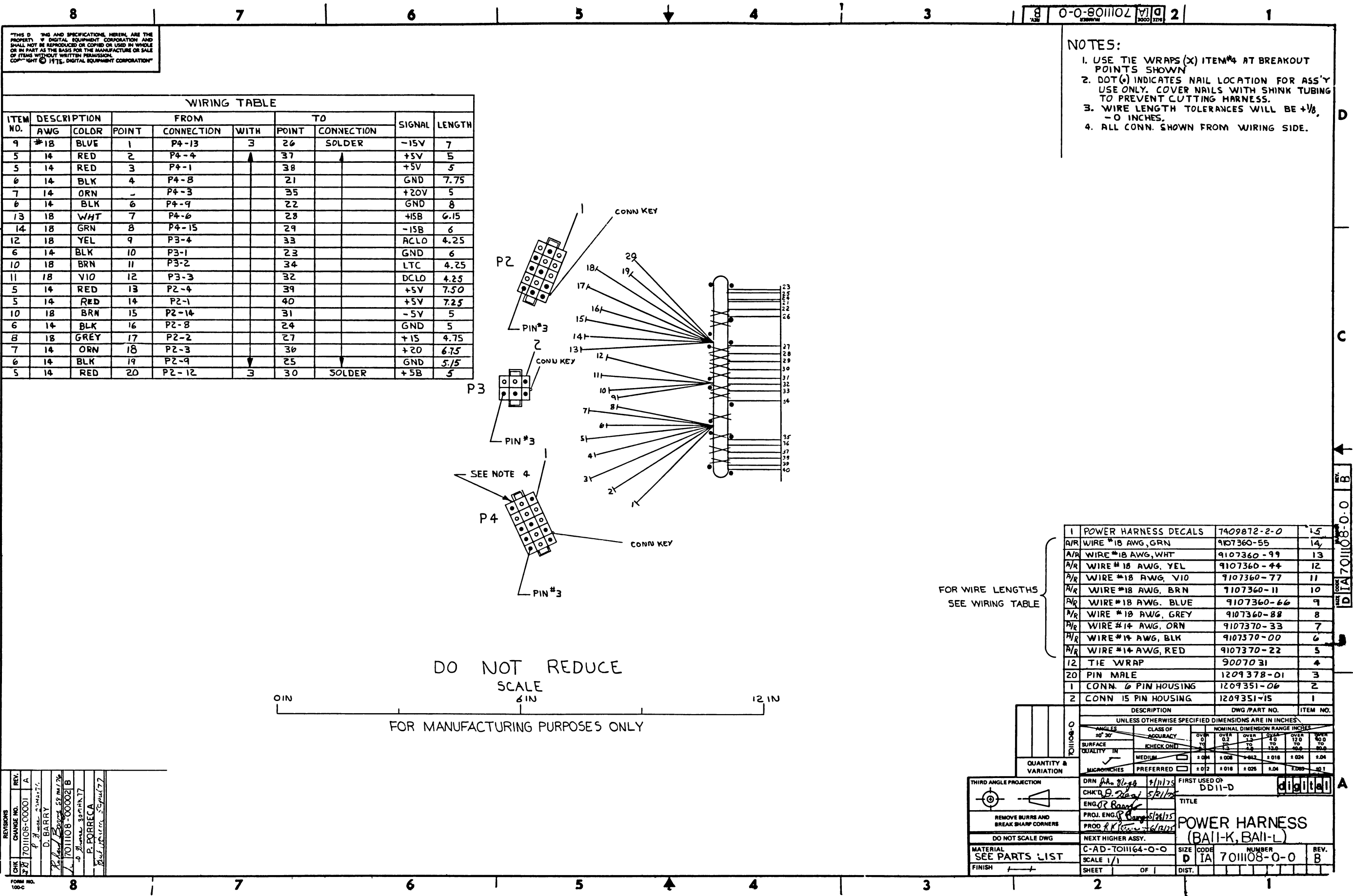
### GENERAL

ANY HEX MODULE THAT MEETS THE FOLLOWING REQUIREMENTS CAN BE MOUNTED IN THESE SLOTS.

- 1) THOSE PINNED TO TAKE SIGNALS FROM MODIFIED UNIBUS (A&B) WITH THE BUS GRANTS TAKEN FROM SPC SLOTS 18: ABOVE
- 2) THOSE PINNED TO TAKE SIGNALS FROM STANDARD SPC PINNING WITH THE EXCEPTION OF POWER FROM (A&B). 18: SPECIAL OPTIONS

REV	CHANGE NO.	DATE	BY
1	0011-D-0007	5/2/75	B. BERNSTEIN

THIRD ANGLE PROJECTION		DESCRIPTION		DWG/PART NO		ITEM NO	
REMOVE BURRS AND BREAK SHARP CORNERS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CLASS OF ACCURACY		NOMINAL DIMENSIO. RANGE INCHES	
DO NOT SCALE DWG		MICROINCHES		CHECK ONE		OVER 0 TO 1.0	
MATERIAL		FINISH		MEDIUM		OVER 1.0 TO 12.0	
SCALE		SHEET 1 OF 1		PREFERRED		OVER 12.0 TO 40.0	
DIST		NEXT HIGHER ASSY		FIRST USED ON		OVER 40.0 TO 80.0	
B-DD-DD11-C		B-DD-DD11-C		5/2/75		OVER 80.0 TO 160.0	
MODULE UTILIZATION (DD11-D)		5/2/75		5/2/75		OVER 160.0 TO 320.0	
SIZE CODE		NUMBER		REV		OVER 320.0 TO 640.0	
D MU DD11-D-2		A		A		OVER 640.0 TO 1280.0	



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WIRING TABLE

ITEM NO.	DESCRIPTION		FROM			TO		SIGNAL	LENGTH
	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION		
9	#18	BLVE	1	P4-13	3	26	SOLDER	-15V	7
5	14	RED	2	P4-4		37		+5V	5
5	14	RED	3	P4-1		38		+5V	5
6	14	BLK	4	P4-8		21		GND	7.75
7	14	ORN		P4-3		35		+20V	5
6	14	BLK	6	P4-9		22		GND	8
13	18	WHT	7	P4-6		28		+15B	6.15
14	18	GRN	8	P4-15		29		-15B	6
12	18	YEL	9	P3-4		33		ACLO	4.25
6	14	BLK	10	P3-1		23		GND	6
10	18	BRN	11	P3-2		34		LTC	4.25
11	18	VIO	12	P3-3		32		DCLO	4.25
5	14	RED	13	P2-4		39		+5V	7.50
5	14	RED	14	P2-1		40		+5V	7.25
10	18	BRN	15	P2-14		31		-5V	5
6	14	BLK	16	P2-8		24		GND	5
8	18	GREY	17	P2-2		27		+15	4.75
7	14	ORN	18	P2-3		30		+20	6.75
6	14	BLK	19	P2-9		25		GND	5.5
5	14	RED	20	P2-12	3	30	SOLDER	+5B	5

- NOTES:
1. USE TIE WRAPS (X) ITEM#4 AT BREAKOUT POINTS SHOWN
  2. DOT (.) INDICATES NAIL LOCATION FOR ASS'Y USE ONLY. COVER NAILS WITH SHINK TUBING TO PREVENT CUTTING HARNESS.
  3. WIRE LENGTH TOLERANCES WILL BE +1/8, -0 INCHES.
  4. ALL CONN. SHOWN FROM WIRING SIDE.

FOR WIRE LENGTHS  
SEE WIRING TABLE

1	POWER HARNESS DECALS	7409872-2-0	15
A/R	WIRE #18 AWG, GRN	9107360-55	14
A/R	WIRE #18 AWG, WHT	9107360-99	13
A/R	WIRE #18 AWG, YEL	9107360-44	12
A/R	WIRE #18 AWG, VIO	9107360-77	11
A/R	WIRE #18 AWG, BRN	9107360-11	10
A/R	WIRE #18 AWG, BLUE	9107360-66	9
A/R	WIRE #18 AWG, GREY	9107360-88	8
A/R	WIRE #14 AWG, ORN	9107370-33	7
A/R	WIRE #14 AWG, BLK	9107370-00	6
A/R	WIRE #14 AWG, RED	9107370-22	5
12	TIE WRAP	9007031	4
20	PIN MALE	1209378-01	3
1	CONN. 6 PIN HOUSING	1209351-06	2
2	CONN. 15 PIN HOUSING	1209351-15	1

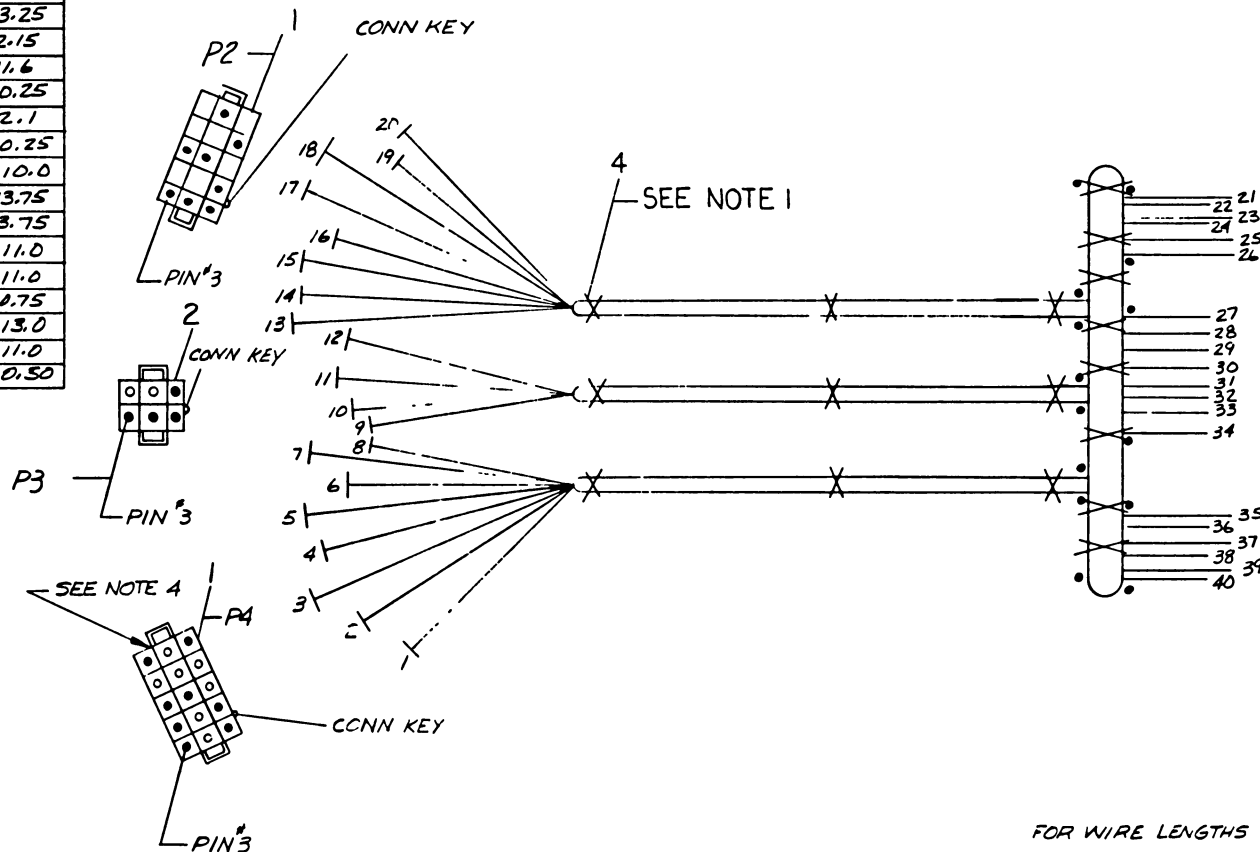
REV.	CHANGE NO.	DATE	BY	CHK
A	1	7/11/75	D. BARRY	
B	2	5/21/75	P. PORRECA	
C	3	5/21/75	P. PORRECA	

QUANTITY & VARIATION		DESCRIPTION		DWG / PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
ANGLES		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES			
30° 30'		CHECK ONE		OVER 12.0 TO 40.0			
SURFACE QUALITY		MEDIUM		OVER 40.0 TO 100.0			
MICROMETERS		PREFERRED		OVER 100.0 TO 1000.0			
THIRD ANGLE PROJECTION		DO NOT SCALE DWG		NEXT HIGHER ASSY.			
MATERIAL SEE PARTS LIST		SCALE 1/1		SHEET		OF 1	
FINISH		DIST.		DIA		701108-0-0	
REV. B		REV. B		REV. B		REV. B	

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### WIRING TABLE

ITEM NO	DESCRIPTION		FROM			TO		SIGNAL	LENGTH
	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION		
9	18	BLU	1	P4-13	3	26	SOLDER	-15V	12.75
5	14	RED	2	P4-4		37		+5V	11
5	14	RED	3	P4-1		38		+5V	11.25
6	14	BLK	4	P4-8		21		GND	13.75
7	14	ORN	5	P4-3		35		+20V	11.0
6	14	BLK	6	P4-9		22		GND	13.25
13	18	WHT	7	P4-6		28		+15B	12.15
14	18	GRN	8	P4-15		29		-15B	11.6
12	18	YEL	9	P3-4		33		ACLO	10.25
6	14	BLK	10	P3-1		23		GND	12.1
10	18	BRN	11	P3-2		34		LTC	10.25
11	18	VIO	12	P3-3		32		DCLO	10.0
5	14	RED	13	P2-4		39		+5V	13.75
5	14	RED	14	P2-1		40		+5V	13.75
15	14	BRN	15	P2-14		31		-5V	11.0
6	14	BLK	16	P2-8		24		GND	11.0
8	18	GRY	17	P2-2		27		+15	10.75
7	14	ORN	18	P2-3		36		+20	13.0
6	14	BLK	19	P2-9		25		GND	11.0
5	14	RED	20	P2-10	3	30	SOLDER	+5B	10.50



**NOTES:**

1. USE TIE WRAPS (X) ITEM #4 AT BREAKOUT POINTS SHOWN.
2. DOT (.) INDICATES NAIL LOCATION FOR ASSY USE ONLY. COVER NAILS WITH SHRINK TUBING.
3. WIRE LENGTH TOL WILL BE  $\pm .12$  IN
4. ALL CONN SHOWN FROM WIRING SIDE.
5. STRIP  $\frac{1}{8}$ " INSULATION FROM POINTS 21 THRU 40 AND FULL TIN POINTS 21 THRU 40.

FOR WIRE LENGTHS  
SEE WIRING TABLE

DO NOT REDUCE

SCALE

FOR MANUFACTURING PURPOSES ONLY

1	POWER HARNESS DECAL	7409872-2	16
AIR	WIRE #14 AWG (BRN)	9107370-11	15
AIR	WIRE #18 AWG, (GRN)	9107360-55	14
AIR	WIRE #18 AWG, (WHT)	9107360-99	13
AIR	WIRE #18 AWG (YEL)	9107360-44	12
AIR	WIRE #18 AWG, (VID)	9107360-77	11
AIR	WIRE #18 AWG, (BRN)	9107360-11	10
AIR	WIRE #18 AWS, (BLU)	9107360-66	9
AIR	WIRE #18 AWG, (GRY)	9107360-88	8
AIR	WIRE #14 AWG, (ORN)	9107370-33	7
AIR	WIRE #14 AWG, (BLK)	9107370-00	6
AIR	WIRE #14 AWG, (RED)	9107370-22	5
17	TIE WRAP	9007031	4
20	PIN MALE	1209378-01	3
1	CONN 6 PIN HOUSING	1209351-06	2
2	CONN 15 PIN HOUSING	1209351-15	1



DESCRIPTION		DWG/PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLES 30° 30'		CLASS OF ACCURACY (CHECK ONE)		NOMINAL DIMENSION RANGE INCHES	
SURFACE QUALITY IN		OVER 0 0.2 0.5 1.0 1.2 1.5 2.0 2.5 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 12.0 15.0 18.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0		OVER 0 0.2 0.5 1.0 1.2 1.5 2.0 2.5 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 12.0 15.0 18.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0	
<input checked="" type="checkbox"/> MEDIUM		<input type="checkbox"/> ± 0.004		<input type="checkbox"/> ± 0.008	
<input checked="" type="checkbox"/> PREFERRED		<input type="checkbox"/> ± 0.012		<input type="checkbox"/> ± 0.018	
<input type="checkbox"/> ± 0.025		<input type="checkbox"/> ± 0.035		<input type="checkbox"/> ± 0.045	
<input type="checkbox"/> ± 0.055		<input type="checkbox"/> ± 0.065		<input type="checkbox"/> ± 0.075	
<input type="checkbox"/> ± 0.085		<input type="checkbox"/> ± 0.095		<input type="checkbox"/> ± 0.105	
<input type="checkbox"/> ± 0.115		<input type="checkbox"/> ± 0.125		<input type="checkbox"/> ± 0.135	
<input type="checkbox"/> ± 0.145		<input type="checkbox"/> ± 0.155		<input type="checkbox"/> ± 0.165	
<input type="checkbox"/> ± 0.175		<input type="checkbox"/> ± 0.185		<input type="checkbox"/> ± 0.195	
<input type="checkbox"/> ± 0.205		<input type="checkbox"/> ± 0.215		<input type="checkbox"/> ± 0.225	
<input type="checkbox"/> ± 0.235		<input type="checkbox"/> ± 0.245		<input type="checkbox"/> ± 0.255	
<input type="checkbox"/> ± 0.265		<input type="checkbox"/> ± 0.275		<input type="checkbox"/> ± 0.285	
<input type="checkbox"/> ± 0.295		<input type="checkbox"/> ± 0.305		<input type="checkbox"/> ± 0.315	
<input type="checkbox"/> ± 0.325		<input type="checkbox"/> ± 0.335		<input type="checkbox"/> ± 0.345	
<input type="checkbox"/> ± 0.355		<input type="checkbox"/> ± 0.365		<input type="checkbox"/> ± 0.375	
<input type="checkbox"/> ± 0.385		<input type="checkbox"/> ± 0.395		<input type="checkbox"/> ± 0.405	
<input type="checkbox"/> ± 0.415		<input type="checkbox"/> ± 0.425		<input type="checkbox"/> ± 0.435	
<input type="checkbox"/> ± 0.445		<input type="checkbox"/> ± 0.455		<input type="checkbox"/> ± 0.465	
<input type="checkbox"/> ± 0.475		<input type="checkbox"/> ± 0.485		<input type="checkbox"/> ± 0.495	
<input type="checkbox"/> ± 0.505		<input type="checkbox"/> ± 0.515		<input type="checkbox"/> ± 0.525	
<input type="checkbox"/> ± 0.535		<input type="checkbox"/> ± 0.545		<input type="checkbox"/> ± 0.555	
<input type="checkbox"/> ± 0.565		<input type="checkbox"/> ± 0.575		<input type="checkbox"/> ± 0.585	
<input type="checkbox"/> ± 0.595		<input type="checkbox"/> ± 0.605		<input type="checkbox"/> ± 0.615	
<input type="checkbox"/> ± 0.625		<input type="checkbox"/> ± 0.635		<input type="checkbox"/> ± 0.645	
<input type="checkbox"/> ± 0.655		<input type="checkbox"/> ± 0.665		<input type="checkbox"/> ± 0.675	
<input type="checkbox"/> ± 0.685		<input type="checkbox"/> ± 0.695		<input type="checkbox"/> ± 0.705	
<input type="checkbox"/> ± 0.715		<input type="checkbox"/> ± 0.725		<input type="checkbox"/> ± 0.735	
<input type="checkbox"/> ± 0.745		<input type="checkbox"/> ± 0.755		<input type="checkbox"/> ± 0.765	
<input type="checkbox"/> ± 0.775		<input type="checkbox"/> ± 0.785		<input type="checkbox"/> ± 0.795	
<input type="checkbox"/> ± 0.805		<input type="checkbox"/> ± 0.815		<input type="checkbox"/> ± 0.825	
<input type="checkbox"/> ± 0.835		<input type="checkbox"/> ± 0.845		<input type="checkbox"/> ± 0.855	
<input type="checkbox"/> ± 0.865		<input type="checkbox"/> ± 0.875		<input type="checkbox"/> ± 0.885	
<input type="checkbox"/> ± 0.895		<input type="checkbox"/> ± 0.905		<input type="checkbox"/> ± 0.915	
<input type="checkbox"/> ± 0.925		<input type="checkbox"/> ± 0.935		<input type="checkbox"/> ± 0.945	
<input type="checkbox"/> ± 0.955		<input type="checkbox"/> ± 0.965		<input type="checkbox"/> ± 0.975	
<input type="checkbox"/> ± 0.985		<input type="checkbox"/> ± 0.995		<input type="checkbox"/> ± 1.005	
<input type="checkbox"/> ± 1.015		<input type="checkbox"/> ± 1.025		<input type="checkbox"/> ± 1.035	
<input type="checkbox"/> ± 1.045		<input type="checkbox"/> ± 1.055		<input type="checkbox"/> ± 1.065	
<input type="checkbox"/> ± 1.075		<input type="checkbox"/> ± 1.085		<input type="checkbox"/> ± 1.095	
<input type="checkbox"/> ± 1.105		<input type="checkbox"/> ± 1.115		<input type="checkbox"/> ± 1.125	
<input type="checkbox"/> ± 1.135		<input type="checkbox"/> ± 1.145		<input type="checkbox"/> ± 1.155	
<input type="checkbox"/> ± 1.165		<input type="checkbox"/> ± 1.175		<input type="checkbox"/> ± 1.185	
<input type="checkbox"/> ± 1.195		<input type="checkbox"/> ± 1.205		<input type="checkbox"/> ± 1.215	
<input type="checkbox"/> ± 1.225		<input type="checkbox"/> ± 1.235		<input type="checkbox"/> ± 1.245	
<input type="checkbox"/> ± 1.255		<input type="checkbox"/> ± 1.265		<input type="checkbox"/> ± 1.275	
<input type="checkbox"/> ± 1.285		<input type="checkbox"/> ± 1.295		<input type="checkbox"/> ± 1.305	
<input type="checkbox"/> ± 1.315		<input type="checkbox"/> ± 1.325		<input type="checkbox"/> ± 1.335	
<input type="checkbox"/> ± 1.345		<input type="checkbox"/> ± 1.355		<input type="checkbox"/> ± 1.365	
<input type="checkbox"/> ± 1.375		<input type="checkbox"/> ± 1.385		<input type="checkbox"/> ± 1.395	
<input type="checkbox"/> ± 1.405		<input type="checkbox"/> ± 1.415		<input type="checkbox"/> ± 1.425	
<input type="checkbox"/> ± 1.435		<input type="checkbox"/> ± 1.445		<input type="checkbox"/> ± 1.455	
<input type="checkbox"/> ± 1.465		<input type="checkbox"/> ± 1.475		<input type="checkbox"/> ± 1.485	
<input type="checkbox"/> ± 1.495		<input type="checkbox"/> ± 1.505		<input type="checkbox"/> ± 1.515	
<input type="checkbox"/> ± 1.525		<input type="checkbox"/> ± 1.535		<input type="checkbox"/> ± 1.545	
<input type="checkbox"/> ± 1.555		<input type="checkbox"/> ± 1.565		<input type="checkbox"/> ± 1.575	
<input type="checkbox"/> ± 1.585		<input type="checkbox"/> ± 1.595		<input type="checkbox"/> ± 1.605	
<input type="checkbox"/> ± 1.615		<input type="checkbox"/> ± 1.625		<input type="checkbox"/> ± 1.635	
<input type="checkbox"/> ± 1.645		<input type="checkbox"/> ± 1.655		<input type="checkbox"/> ± 1.665	
<input type="checkbox"/> ± 1.675		<input type="checkbox"/> ± 1.685		<input type="checkbox"/> ± 1.695	
<input type="checkbox"/> ± 1.705		<input type="checkbox"/> ± 1.715		<input type="checkbox"/> ± 1.725	
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<input type="checkbox"/> ± 2.095		<input type="checkbox"/> ± 2.105		<input type="checkbox"/> ± 2.115	
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<input type="checkbox"/> ± 2.155		<input type="checkbox"/> ± 2.165		<input type="checkbox"/> ± 2.175	
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<input type="checkbox"/> ± 2.245		<input type="checkbox"/> ± 2.255		<input type="checkbox"/> ± 2.265	
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<input type="checkbox"/> ± 2.335		<input type="checkbox"/> ± 2.345		<input type="checkbox"/> ± 2.355	
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<input type="checkbox"/> ± 3.415		<input type="checkbox"/> ± 3.425		<input type="checkbox"/> ± 3.435	
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<input type="checkbox"/> ± 3.655		<input type="checkbox"/> ± 3.665		<input type="checkbox"/> ± 3.675	
<input type="checkbox"/> ± 3.685		<input type="checkbox"/> ± 3.695		<input type="checkbox"/> ± 3.705	
<input type="checkbox"/> ± 3.715		<input type="checkbox"/> ± 3.725		<input type="checkbox"/> ± 3.735	
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<input type="checkbox"/> ± 4.015		<input type="checkbox"/> ± 4.025		<input type="checkbox"/> ± 4.035	
<input type="checkbox"/> ± 4.045		<input type="checkbox"/> ± 4.055		<input type="checkbox"/> ± 4.065	
<input type="checkbox"/> ± 4.075		<input type="checkbox"/> ± 4.085		<input type="checkbox"/> ± 4.095	
<input type="checkbox"/> ± 4.105		<input type="checkbox"/> ± 4.115		<input type="checkbox"/> ± 4.125	
<input type="checkbox"/> ± 4.135		<input type="checkbox"/> ± 4.145		<input type="checkbox"/> ± 4.155	
<input type="checkbox"/> ± 4.165		<input type="checkbox"/> ± 4.175		<input type="checkbox"/> ± 4.185	
<input type="checkbox"/> ± 4.195		<input type="checkbox"/> ± 4.205		<input type="checkbox"/> ± 4.215	
<input type="checkbox"/> ± 4.225		<input type="checkbox"/> ± 4.235		<input type="checkbox"/> ± 4.245	
<input type="checkbox"/> ± 4.255		<input type="checkbox"/> ± 4.265		<input type="checkbox"/> ± 4.275	
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<input type="checkbox"/> ± 4.345		<input type="checkbox"/> ± 4.355		<input type="checkbox"/> ± 4.365	
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<input type="checkbox"/> ± 4.765		<input type="checkbox"/> ± 4.775		<input type="checkbox"/> ± 4.785	
<input type="checkbox"/> ± 4.795		<input type="checkbox"/> ± 4.805		<input type="checkbox"/> ± 4.815	
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<input type="checkbox"/> ± 5.035		<input type="checkbox"/> ± 5.045		<input type="checkbox"/> ± 5.055	
<input type="checkbox"/> ± 5.065		<input type="checkbox"/> ± 5.075		<input type="checkbox"/> ± 5.085	
<input type="checkbox"/> ± 5.095		<input type="checkbox"/> ± 5.105		<input type="checkbox"/> ± 5.115	
<input type="checkbox"/> ± 5.125		<input type="checkbox"/> ± 5.135		<input type="checkbox"/> ± 5.145	
<input type="checkbox"/> ± 5.155		<input type="checkbox"/> ± 5.165		<input type="checkbox"/> ± 5.175	
<input type="checkbox"/> ± 5.185		<input type="checkbox"/> ± 5.195		<input type="checkbox"/> ± 5.205	
<input type="checkbox"/> ± 5.215		<input type="checkbox"/> ± 5.225		<input type="checkbox"/> ± 5.235	
<input type="checkbox"/> ± 5.245		<input type="checkbox"/> ± 5.255		<input type="checkbox"/> ± 5.265	
<input type="checkbox"/> ± 5.275		<input type="checkbox"/> ± 5.285		<input type="checkbox"/> ± 5.295	
<input type="checkbox"/> ± 5.305		<input type="checkbox"/> ± 5.315		<input type="checkbox"/> ± 5.325	
<input type="checkbox"/> ± 5.335		<input type="checkbox"/> ± 5.345		<input type="checkbox"/> ± 5.355	
<input type="checkbox"/> ± 5.365		<input type="checkbox"/> ± 5.375		<input type="checkbox"/> ± 5.385	
<input type="checkbox"/> ± 5.395		<input type="checkbox"/> ± 5.405		<input type="checkbox"/> ± 5.415	
<input type="checkbox"/> ± 5.425		<input type="checkbox"/> ± 5.435		<input type="checkbox"/> ± 5.445	
<input type="checkbox"/> ± 5.455		<input type="checkbox"/> ± 5.465		<input type="checkbox"/> ± 5.475	
<input type="checkbox"/> ± 5.485		<input type="checkbox"/> ± 5.495		<input type="checkbox"/> ± 5.505	

**THIRD ANGLE PROJECTION**

REMOVE BURRS AND  
BREAK SHARP CO

DO NOT SCALE IN

NTITY  
LATION

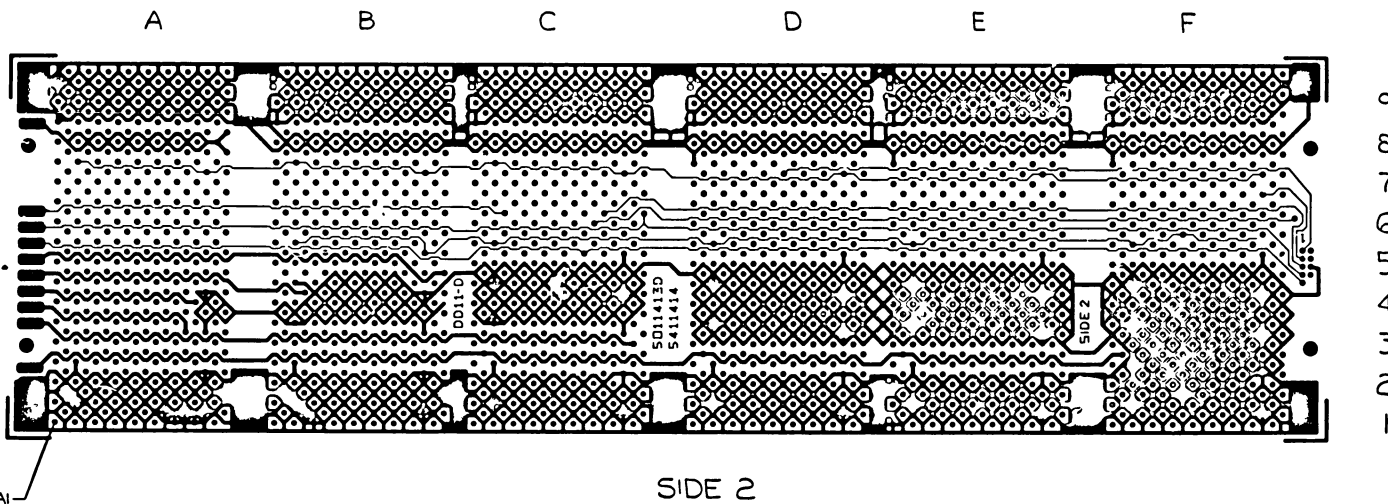
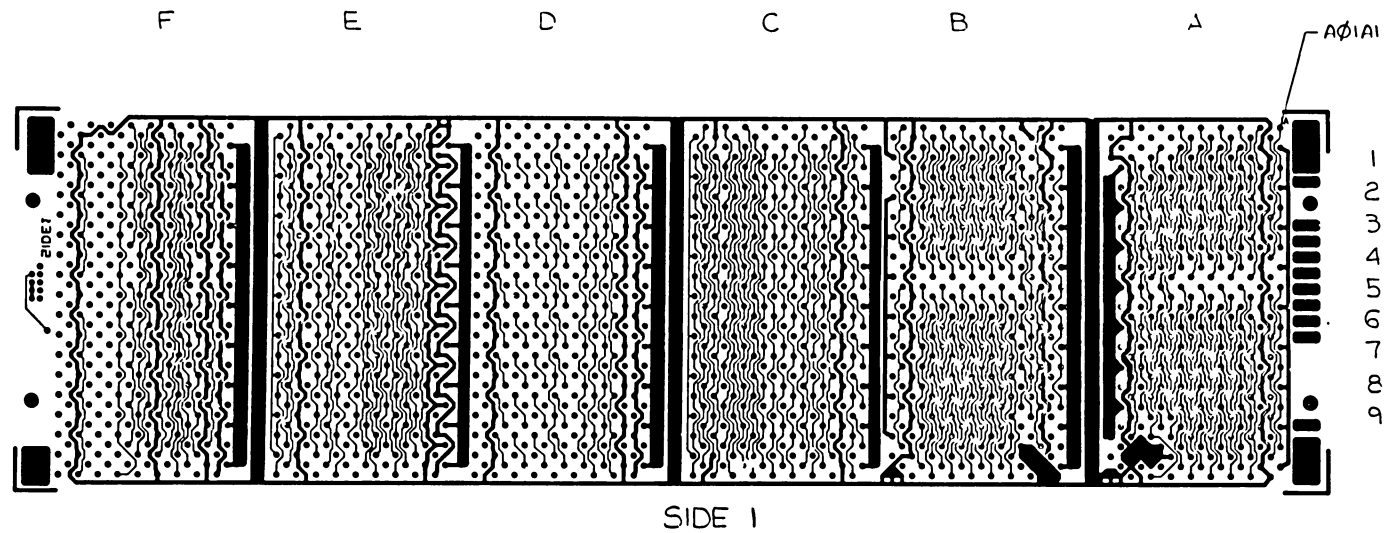
DESCRIPTION		DWG /PART NO.		ITEM NO			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
 	ANGLES 30° 30°  CLASS OF ACCURACY (KITCHEN ONE)  MEDIUM  PREFERRED	NOMINAL DIMENSION RANGE TOLERANCES					
		OVER 0	0.2	0.2	0.2	0.2	OVER 0
		0.2	1.0	1.0	1.0	1.0	0.2
		1.0	4.0	4.0	4.0	4.0	1.0
		4.0	12.0	12.0	12.0	12.0	4.0
		±.004	±.008	±.012	±.016	±.024	±.04
		±.012	±.018	±.024	±.036	±.048	±.072

DRN# 11-261005	11/3/15	FIRST USED ON	digital
CHK'D 9-210021	12/1/15	DDII-DF, PF	

ENG R Barry	12/16/75	TITLE POWER HARNESS
PROJ. ENG R Barry	12/18/75	
PROD V R Barry	12/18/75	

NEXT HIGHER ASSY.		SIZE		CODE		NUMBER		REV.	
C-AD 7012307-0-0		D		1A		7011109-0-0		B	
SCALE 1/1		DIST.							
SHEET OF									

NOTES:



IC TYPE	GND	-5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE		
IC PIN LOCATIONS		

REF	AWT REV STATUS		A-WT-701158-0		5
REF	MODULE ECO HISTORY		B-MH-5411414-0-6		4
REF	ASSY/DRILLING HOLE LAYOUT		D-AH-5411414-0-5		3
REF	X-Y COORDINATE HOLE LOCATION		K-CO-5411414-0-4		2
I	ETCHED CIRCUIT BOARD		5011413		1
QTY	REF. DESIGNATION		DESCRIPTION		PART NO
PARTS LIST					
ETCH BOARD REV		D			
		CAN	DATE		
		5/11/75	5/11/75		
		CHK'D	DATE		
		5/12/75	5/12/75		
		ENG	DATE		
		5/24/75	5/24/75		
		PROJ ENG	DATE		
		5/24/75	5/24/75		
		PROJ	DATE		

FIRST USED ON OPTION MODEL		DD11-D	
DEC NO	EIA NO	DEC NO	EIA NO
SEMICONDUCTOR CONVERSION CHART			


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DIGITAL EQUIP. CORP.

## NOTES

- ALL REV. ASSEMBLIES OF THE DDII-D ARE ELECTRICALLY THE SAME AS THIS RUN LIST BUT THE POINT TO POINT ROUTING OF A GIVEN WIRE TO ALL ITS ASSOCIATED PINS MAY BE DIFFERENT.

REVISIONS	
CHK	CHANGE NO.
RTB	DDIID-00004
REV.	
B	

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.	
DDII-D					
PARTS LIST					
DRN.	<i>D. Hallen</i>	DATE	5/21/75	 <b>DIGITAL EQUIPMENT CORPORATION</b> MAYNARD, MASSACHUSETTS	
CHK'D.	<i>P. P. P.</i>	DATE	5/23/75		
ENG.	<i>Richard Barry</i>	DATE	5/28/75		
PROJ. ENG.	<i>Richard Barry</i>	DATE	5/28/75		
PROD.	<i>R.K. Peters</i>	DATE	6/12/75		
NEXT HIGHER ASSEMBLY		TITLE			
B-DD-DDII-D		WIRE LIST DDII-D			
SCALE		SIZE	CODE	NUMBER	
		K	WL	DDII-D-1	
SHEET		DIST.		REV.	
/ OF /				B	

```

9100      PAGE 1
NC LENGTH EXCEPTIONS      RUN
FLAG                      NUMBER

```

**RUN  
NUMBER**

[illegible]

DD110,B  
FUN NAME

WRAPD ,V35(102)=1 03-JUN=77  
A/P PIN ORDER BAY = Q DRAW RV RG Y X Z  
NAME PIN ORDER OPT

7-JUL-78

9100 PAGE 2  
NC LENGTH EXCEPTIONS RUN  
FLAG NUMBER

+5V	A01A2	1-01 *	P						2			1		3
+5V	A02A2	1-02 *	P						1			1		3
+5V	A03A2	1-03 *	P						2			1		3
+5V	A04A2	1-04 *	P						1			1		3
+5V	A05A2	1-05 *	P						2			1		3
+5V	A06A2	1-06 *	P						1			1		3
+5V	A07A2	1-07 *	P						2			1		3
+5V	A08A2	1-08 *	P						1			1		3
+5V	A09A2	1-09 *	P						2			3-2/8		3
+5V	B09A2	1-10 *	P						1			1		3
+5V	B08A2	1-11 *	P						2			1		3
+5V	B07A2	1-12 *	P						1			1		3
+5V	B06A2	1-13 *	P						2			1		3
+5V	B05A2	1-14 *	P						1			1		3
+5V	B04A2	1-15 *	P						2			1		3
+5V	B03A2	1-16 *	P						1			1		3
+5V	B02A2	1-17 *	P						2			1		3
+5V	B01A2	1-18 *	P						1			3		3
+5V	C01A2	1-19 *	P						2			1		3
+5V	C02A2	1-20 *	P						1			1		3
+5V	C03A2	1-21 *	P						2			1		3
+5V	C04A2	1-22 *	P						1			1		3
+5V	C05A2	1-23 *	P						2			1		3
+5V	C06A2	1-24 *	P						1			1		3
+5V	C07A2	1-25 *	P						2			1		3
+5V	C08A2	1-26 *	P						1			1		3
+5V	C09A2	1-27 *	P						2			3-2/8		3
+5V	D09A2	1-28 *	P						1			1		3
+5V	D08A2	1-29 *	P						2			1		3
+5V	D07A2	1-30 *	P						1			1		3
+5V	D06A2	1-31 *	P						2			1		3
+5V	D05A2	1-32 *	P						1			1		3
+5V	D04A2	1-33 *	P						2			1		3
+5V	D03A2	1-34 *	P						1			1		3
+5V	D02A2	1-35 *	P						2			1		3
+5V	D01A2	1-36 *	P						1			3		3
+5V	E01A2	1-37 *	P						2			1		3
+5V	E02A2	1-38 *	P						1			1		3
+5V	E03A2	1-39 *	P						2			1		3
+5V	E04A2	1-40 *	P						1			1		3
+5V	E05A2	1-41 *	P						2			1		3
+5V	E06A2	1-42 *	P						1			1		3
+5V	E07A2	1-43 *	P						2			1		3
+5V	E08A2	1-44 *	P						1			1		3
+5V	E09A2	1-45 *	P						2			3-2/8		3
+5V	F09A2	1-46 *	P						1			1		3
+5V	F08A2	1-47 *	P						2			1		3
+5V	F07A2	1-48 *	P						1			1		3
+5V	F06A2	1-49 *	P						2			1		3
+5V	F05A2	1-50 *	P						1			1		3
+5V	F04A2	1-51 *	P						2			1		3
+5V	F03A2	1-52 *	P						1			1		3
+5V	F02A2	1-53 *	P						2			1		3
+5V	F01A2	1-54 *	X											3
+5V		1										63-6/8		3

**RUN  
NUMBER**

-15V	C01R2	1-01 *	P	2	1	4
-15V	C02R2	1-02 *	P	1	1	4
-15V	C03R2	1-03 *	P	2	1	4
-15V	C04R2	1-04 *	P	1	1	4
-15V	C05R2	1-05 *	P	2	1	4
-15V	C06R2	1-06 *	P	1	1	4
-15V	C07R2	1-07 *	P	2	1	4
-15V	C08R2	1-08 *	P	1	1	4
-15V	C09R2	1-09 *	P	2	3-2/8	4
-15V	D09B2	1-10 *	P	1	1	4
-15V	D08B2	1-11 *	P	2	1	4
-15V	D07R2	1-12 *	P	1	1	4
-15V	D06B2	1-13 *	P	2	1	4
-15V	D05B2	1-14 *	P	1	1	4
-15V	D04R2	1-15 *	P	2	1	4
-15V	D03B2	1-16 *	P	1	1	4
-15V	D02B2	1-17 *	P	2	1	4
-15V	D01R2	1-18 *	P	1	3	4
-15V	E01B2	1-19 *	P	2	1	4
-15V	E02B2	1-20 *	P	1	1	4
-15V	E03B2	1-21 *	P	2	1	4
-15V	E04B2	1-22 *	P	1	1	4
-15V	E05B2	1-23 *	P	2	1	4
-15V	E06B2	1-24 *	P	1	1	4
-15V	E07B2	1-25 *	P	2	1	4
-15V	E08B2	1-26 *	P	1	1	4
-15V	E09B2	1-27 *	P	2	3-2/8	4
-15V	F09B2	1-28 *	P	1	1	4
-15V	F08B2	1-29 *	P	2	1	4
-15V	F07B2	1-30 *	P	1	1	4
-15V	F06R2	1-31 *	P	2	1	4
-15V	F05B2	1-32 *	P	1	1	4
-15V	F04R2	1-33 *	P	2	1	4
-15V	F03B2	1-34 *	P	1	1	4
-15V	F02R2	1-35 *	P	2	1	4
-15V	F01B2	1-36 *	X		41-4/8	4
-15V		1				
-5V	B02V2	1-01 *	P	2	1	5
-5V	B03V2	1-02 *	P	1	1	5
-5V	B04V2	1-03 *	P	2	1	5
-5V	B05V2	1-04 *	P	1	1	5
-5V	B06V2	1-05 *	P	2	1	5
-5V	B07V2	1-06 *	P	1	1	5
-5V	B08V2	1-07 *	X			5
-5V		1			6-0/8	5
A BG IN	D01U2	1-01 *		1	3-7/8	6
A BG IN	F01B1	1-02 *				6
A BG IN		1			3-7/8	6
A BG OUT	D01V2	1-01 *		1	3-7/8	7
A BG OUT	F01A1	1-02 *				7
A BG OUT		1			3-7/8	7



DD11D,B RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN ORDER	BAY = HAY = ORDER	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 4 EXCEPTIONS	RUN NUMBER
A BR OUT	D01J2	1-01 *					1			6-5/8		8
A BR OUT	F01P1	1-02 *					2			1		8
A BR OUT	F01U2	1-03 *										8
A BR OUT		1								7-5/8		8
A IN	D01H1	1-01 *					1			3-4/8		9
A IN	E01M1	1-02 *										9
A IN		1								3-4/8		9
A INT A	D01N1	1-01 *					1			6-3/8		10
A INT A	F01U1	1-02 *										10
A INT A		1								6-3/8		10
A INT B	C01J1	1-01 *					1			8-5/8		11
A INT B	F01K2	1-02 *										11
A INT B		1								8-5/8		11
A INT ENB A	D01M1	1-01 *					1			6-5/8		12
A INT ENB A	F01V1	1-02 *										12
A INT ENB A		1								6-5/8		12
A INT ENB B	C01L1	1-01 *					1			8-1/8		13
A INT ENB B	F01H2	1-02 *										13
A INT ENB B		1								8-1/8		13
A OUT HIGP	D01K1	1-01 *					1			3-3/8		14
A OUT HIGP	E01M2	1-02 *										14
A OUT HIGP		1								3-3/8		14
A OUT LOW	D01D1	1-01 *					1			4		15
A OUT LOW	E01N1	1-02 *										15
A OUT LOW		1								4-0/8		15
A SEL 0	D01F1	1-01 *					1			4-1/8		16
A SEL 0	E01S2	1-02 *										16
A SEL 0		1								4-1/8		16
A SEL 4	D01E1	1-01 *					1			4-3/8		17
A SEL 4	E01R2	1-02 *										17
A SEL 4		1								4-3/8		17
A SEL 6	D01C1	1-01 *					1			4-4/8		18
A SEL 6	E01S1	1-02 *										18
A SEL 6		1								4-4/8		18
A SER 2	D01J1	1-01 *					1			4-1/8		19
A SER 2	E01T2	1-02 *										19
A SER 2		1								4-1/8		19
A SSYN IN H	D01V1	1-01 *					1			1		20
A SSYN IN H	E01B1	1-02 *										20
A SSYN IN H		1								1-0/8		20

DD110,8 RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN	BAY = ORDER	DRAW OPT	RV RG Y	X Z	REMARKS	7-JUL-78	9:00 NC LENGTH FLAG	PAGE 5 EXCEPTIONS	RUN NUMBER
AC LO L	B01F1	1-01 *	P			1			1		21
AC LO L	B02F1	1-02 *	P			2			1		21
AC LO L	B03F1	1-03 *	P			1			1		21
AC LO L	B04F1	1-04 *				2			1		21
AC LO L	B05F1	1-05 *	P			2			1		21
AC LO L	B06F1	1-06 *	P			1			1		21
AC LO L	B07F1	1-07 *	P			2			1		21
AC LO L	B08F1	1-08 *	P			1			1		21
AC LO L	B09F1	1-09 *				1			4-4/8		21
AC LO L	C09V1	1-10 *	P			1			1		21
AC LO L	C08V1	1-11 *	P			2			1		21
AC LO L	C07V1	1-12 *	P			1			1		21
AC LO L	C06V1	1-13 *	P			2			1		21
AC LO L	C05V1	1-14 *	P			1			1		21
AC LO L	C04V1	1-15 *	P			2			1		21
AC LO L	C03V1	1-16 *	P			1			1		21
AC LO L	C02V1	1-17 *	P			2			1		21
AC LO L	C01V1	1-18 *									21
AC LO L		1							20-4/8		21
B BG IN	D02U2	1-01 *				1			3-7/8		22
B BG IN	F02B1	1-02 *									22
B BG IN		1							3-7/8		22
B BG OUT	D02V2	1-01 *				1			3-7/8		23
B BG OUT	F02A1	1-02 *									23
B BG OUT		1							3-7/8		23
B BR OUT	D02J2	1-01 *				1			6-5/8		24
B BR OUT	F02P1	1-02 *				2			1		24
B BR OUT	F02U2	1-03 *									24
B BR OUT		1							7-5/8		24
B IN	D02H1	1-01 *				1			3-4/8		25
B IN	E02M1	1-02 *									25
B IN		1							3-4/8		25
B INT A	D02N1	1-01 *				1			6-3/8		26
B INT A	F02U1	1-02 *									26
B INT A		1							6-3/8		26
B INT B	C02J1	1-01 *				1			8-5/8		27
B INT B	F02K2	1-02 *									27
B INT B		1							8-5/8		27
B INT ENB A	D02M1	1-01 *				1			6-5/8		28
B INT ENB A	F02V1	1-02 *									28
B INT ENB A		1							6-5/8		28
B INT ENB B	C02L1	1-01 *				1			8-1/8		29
B INT ENB B	F02H2	1-02 *									29
B INT ENB B		1							8-1/8		29
B OUT HIGP	D02K1	1-01 *				1			3-3/8		30
B OUT HIGP	E02M2	1-02 *									30
B OUT HIGP		1							3-3/8		30

DD110.8 RUN NAME	WRAPD .V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN	BAY - ORDER	G DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 6 EXCEPTIONS	RUN NUMBER
B OUT LOW	D02D1	1-01 *					1			4		31
B OUT LOW	E02N1	1-02 *										31
B OUT LOW		1								4-0/8		31
B SEL 0	D02F1	1-01 *					1			4-1/8		32
B SEL 0	E02S2	1-02 *										32
B SEL 0		1								4-1/8		32
B SEL 4	D02E1	1-01 *					1			4-3/8		33
B SEL 4	E02R2	1-02 *										33
B SEL 4		1								4-3/8		33
B SEL 6	D02C1	1-01 *					1			4-4/8		34
B SEL 6	F02S1	1-02 *										34
B SEL 6		1								4-4/8		34
B SER 2	D02J1	1-01 *					1			4-1/8		35
B SER 2	E02T2	1-02 *										35
B SER 2		1								4-1/8		35
B SSYN IN H	D02V1	1-01 *					1			1		36
B SSYN IN H	E02B1	1-02 *										36
B SSYN IN H		1								1-0/8		36
BB+15	A02R1	1-01 * P					2			1		37
BB+15	A03R1	1-02 * P					1			1		37
BB+15	A04R1	1-03 * P					2			1		37
BB+15	A05R1	1-04 * P					1			1		37
BB+15	A06R1	1-05 * P					2			1		37
BB+15	A07R1	1-06 * P					1			1		37
BB+15	A08R1	1-07 * X										37
BB+15		1								6-0/8		37
BB+5	B02D1	1-01 * P					2			1		38
BB+5	B03D1	1-02 * P					1			1		38
BB+5	B04D1	1-03 * P					2			1		38
BB+5	B05D1	1-04 * P					1			1		38
BB+5	B06D1	1-05 * P					2			1		38
BB+5	B07D1	1-06 * P					1			1		38
BB+5	B08D1	1-07 * X										38
BB+5		1								6-0/8		38
BB+15	A02S1	1-01 * P					2			1		39
BB+15	A03S1	1-02 * P					1			1		39
BB+15	A04S1	1-03 * P					2			1		39
BB+15	A05S1	1-04 * P					1			1		39
BB+15	A06S1	1-05 * P					2			1		39
BB+15	A07S1	1-06 * P					1			1		39
BB+15	A08S1	1-07 * X										39
BB+15		1								6-0/8		39

DD11D,B RUN NAME		WRAPD .V35(102)=1		03-JUN-77		DRAW	RV	RG	Y	X	Z	REMARKS	7-JUL-78		9:00 NC LENGTH FLAG	PAGE 7 EXCEPTIONS		RUN NUMBER
A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	OPT													
BBSY I.	A01P2		1-01 *	F							2				1			40
BBSY L	A02P2		1-02 *	P							1				1			40
BBSY L	A03P2		1-03 *	P							2				1			40
BBSY L	A04P2		1-04 *	H							1	TW			14-1/8			40
BBSY L	F01D1		1-05 *	P							2				1			40
BBSY L	F02D1		1-06 *	P							1				1			40
BBSY I.	F03D1		1-07 *	P							2				1			40
BBSY L	F04D1		1-08 *	H							1	2FTTW			1			40
BBSY L	F05D1		1-09 *	P							2				1			40
BBSY L	F06D1		1-10 *	P							1				1			40
BBSY L	F07D1		1-11 *	P							2				1			40
BBSY L	F08D1		1-12 *	P							1				1			40
BBSY L	F09D1		1-13 *	H							2	TW			14-3/8			40
BBSY L	A05P2		1-14 *	P							1				1			40
BBSY L	A06P2		1-15 *	P							2				1			40
BBSY L	A07P2		1-16 *	P							1				1			40
BBSY I.	A08P2		1-17 *								2				1			40
BBSY L	A09P2		1-18 *															40
BBSY L			1												43-4/8			40
BG4 A	B01E2		1-01 *	H							1	TW			7			41
BG4 A	D01S2		1-02 *															41
BG4 A			1												7-0/8			41
BG4 B	D01T2		1-01 *	P							1				0-5/8			42
BG4 B	D02S2		1-02 *	X														42
BG4 B			1												0-5/8			42
BG4 C	D02T2		1-01 *	P							1				0-5/8			43
BG4 C	D03S2		1-02 *	X														43
BG4 C			1												0-5/8			43
BG4 D	D03T2		1-01 *	P							1				0-5/8			44
BG4 D	D04S2		1-02 *	X														44
BG4 D			1												0-5/8			44
BG4 E	D04T2		1-01 *	P							1				0-5/8			45
BG4 E	D05S2		1-02 *	X														45
BG4 E			1												0-5/8			45
BG4 F	D05T2		1-01 *	P							1				0-5/8			46
BG4 F	D06S2		1-02 *	X														46
BG4 F			1												0-5/8			46
BG4 H	D06T2		1-01 *	P							1				0-5/8			47
BG4 H	D07S2		1-02 *	X														47
BG4 H			1												0-5/8			47
BG4 J	D07T2		1-01 *	P							1				0-5/8			48
BG4 J	D08S2		1-02 *	X														48
BG4 J			1												0-5/8			48
BG4 K	D08T2		1-01 *	P							1				0-5/8			49
BG4 K	D09S2		1-02 *	X														49
BG4 K			1												0-5/8			49

DD110.b		WRAPD .V35(102)=1		03-JUN=77		7-JUL=78		9:00		PAGE 8		RUN NUMBER
RUN NAME	A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV HG Y	X Z	REMARKS	NC LENGTH FLAG	EXCEPTIONS	
BG4 L		B09E2		1-01 *	H			1	TW	7-1/8		50
BG4 L		D09T2		1-02 *	X							50
BG4 L				1						7-1/8		50
BG5 A		B01B1		1-01 *	H			1	TW	7-1/8		51
BG5 A		D01P2		1-02 *	X							51
BG5 A				1						7-1/8		51
BG5 B		D01R2		1-01 *	P			1		0-5/8		52
BG5 B		D02P2		1-02 *	X							52
BG5 B				1						0-5/8		52
BG5 C		D02R2		1-01 *	P			1		0-5/8		53
BG5 C		D03P2		1-02 *	X							53
BG5 C				1						0-5/8		53
BG5 D		D03R2		1-01 *	P			1		0-5/8		54
BG5 D		D04P2		1-02 *	X							54
BG5 D				1						0-5/8		54
BG5 E		D04R2		1-01 *	P			1		0-5/8		55
BG5 E		D05P2		1-02 *	X							55
BG5 E				1						0-5/8		55
BG5 F		D05R2		1-01 *	P			1		0-5/8		56
BG5 F		D06P2		1-02 *	X							56
BG5 F				1						0-5/8		56
BG5 H		D06R2		1-01 *	P			1		0-5/8		57
BG5 H		D07P2		1-02 *	X							57
BG5 H				1						0-5/8		57
BG5 J		D07R2		1-01 *	P			1		0-5/8		58
BG5 J		D08P2		1-02 *	X							58
BG5 J				1						0-5/8		58
BG5 K		D08R2		1-01 *	P			1		0-5/8		59
BG5 K		D09P2		1-02 *	X							59
BG5 K				1						0-5/8		59
BG5 L		B09B1		1-01 *	H			1	TW	7-3/8		60
BG5 L		D09R2		1-02 *	X							60
BG5 L				1						7-3/8		60
BG6 A		B01A1		1-01 *	H			1	TW	7-1/8		61
BG6 A		D01M2		1-02 *	X							61
BG6 A				1						7-1/8		61
BG6 B		D01N2		1-01 *	P			1		0-5/8		62
BG6 B		D02M2		1-02 *	X							62
BG6 B				1						0-5/8		62
BG6 C		D02N2		1-01 *	P			1		0-5/8		63
BG6 C		D03M2		1-02 *	X							63
BG6 C				1						0-5/8		63

DD11D.H RUN NAME	WRAPD .V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN BAY = ORDER	U DRAW	RV RG Y OPT	X Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 9 EXCEPTIONS	RUN NUMBER
BG6 D	D03N2	1-01 * P			1			0-5/8		64
BG6 D	D04M2	1-02 * X								64
BG6 D		1						0-5/8		64
BG6 E	D04N2	1-01 * P			1			0-5/8		65
BG6 E	D05M2	1-02 * X								65
BG6 E		1						0-5/8		65
BG6 F	D05N2	1-01 * P			1			0-5/8		66
BG6 F	D06M2	1-02 * X								66
BG6 F		1						0-5/8		66
BG6 H	D06N2	1-01 * P			1			0-5/8		67
BG6 H	D07M2	1-02 * X								67
BG6 H		1						0-5/8		67
BG6 J	D07N2	1-01 * P			1			0-5/8		68
BG6 J	D08M2	1-02 * X								68
BG6 J		1						0-5/8		68
BG6 K	D08N2	1-01 * P			1			0-5/8		69
BG6 K	D09M2	1-02 * X								69
BG6 K		1						0-5/8		69
BG6 L	B09A1	1-01 * H			1	TW		7-3/8		70
BG6 L	D09N2	1-02 * X								70
BG6 L		1						7-3/8		70
BG7 A	A01V1	1-01 * H			1	TW		7-3/8		71
BG7 A	D01K2	1-02 * X								71
BG7 A		1						7-3/8		71
BG7 B	D01L2	1-01 * P			1			0-5/8		72
BG7 B	D02K2	1-02 * X								72
BG7 B		1						0-5/8		72
BG7 C	D02L2	1-01 * P			1			0-5/8		73
BG7 C	D03K2	1-02 * X								73
BG7 C		1						0-5/8		73
BG7 D	D03L2	1-01 * P			1			0-5/8		74
BG7 D	D04K2	1-02 * X								74
BG7 D		1						0-5/8		74
BG7 E	D04L2	1-01 * P			1			0-5/8		75
BG7 E	D05K2	1-02 * X								75
BG7 E		1						0-5/8		75
BG7 F	D05L2	1-01 * P			1			0-5/8		76
BG7 F	D06K2	1-02 * X								76
BG7 F		1						0-5/8		76
BG7 H	D06L2	1-01 * P			1			0-5/8		77
BG7 H	D07K2	1-02 * X								77
BG7 H		1						0-5/8		77

DD11D,B		WRAPD ,V35(102)=1		03-JUN-77								7-JUL-78		9:00		PAGE 10			
RUN	NAME	A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS	RUN NUMBER		
BG7	J		D07L2		1-01 *	P						1			0-5/8		78		
BG7	J		D08K2		1-02 *	X											78		
BG7	J				1										0-5/8		78		
BG7	K		D08L2		1-01 *	P						1			0-5/8		79		
BG7	K		D09K2		1-02 *	X											79		
BG7	K				1										0-5/8		79		
BG7	L		A09V1		1-01 *	H						1	TW		7-5/8		80		
BG7	L		D09L2		1-02 *	X											80		
BG7	L				1										7-5/8		80		
BR4	L		B09D2		1-01 *							1			1		81		
BR4	L		B08D2		1-02 *							2			1		81		
BR4	L		B07D2		1-03 *							1			1		81		
BR4	L		B06D2		1-04 *							2			1		81		
BR4	L		B05D2		1-05 *							1			1		81		
BR4	L		B04D2		1-06 *							2			1		81		
BR4	L		B03D2		1-07 *							1			1		81		
BR4	L		B02D2		1-08 *							2			1		81		
BR4	L		B01D2		1-09 *							1			6-1/8		81		
BR4	L		D01H2		1-10 *	P						2			1		81		
BR4	L		D02H2		1-11 *	P						1			1		81		
BR4	L		D03H2		1-12 *	P						2			1		81		
BR4	L		D04H2		1-13 *	P						1			1		81		
BR4	L		D05H2		1-14 *	P						2			1		81		
BR4	L		D06H2		1-15 *	P						1			1		81		
BR4	L		D07H2		1-16 *	P						2			1		81		
BR4	L		D08H2		1-17 *	P						1			1		81		
BR4	L		D09H2		1-18 *												81		
BR4	L				1										22-1/8		81		
BR5	L		D09F2		1-01 *	P						1			1		82		
BR5	L		D08F2		1-02 *	P						2			1		82		
BR5	L		D07F2		1-03 *	P						1			1		82		
BR5	L		D06F2		1-04 *	P						2			1		82		
BR5	L		D05F2		1-05 *	P						1			1		82		
BR5	L		D04F2		1-06 *	P						2			1-4/8		82		
BR5	L		D02F2		1-07 *	P						2			1		82		
BR5	L		D01F2		1-08 *	P						1			1-4/8		82		
BR5	L		D03F2		1-09 *							1			6-3/8		82		
BR5	L		B03C1		1-10 *	P						1			1-4/8		82		
BR5	L		B01C1		1-11 *	P						1			1		82		
BR5	L		B02C1		1-12 *	P						2			1-4/8		82		
BR5	L		B04C1		1-13 *							2			1		82		
BR5	L		B05C1		1-14 *	P						2			1		82		
BR5	L		B06C1		1-15 *	P						1			1		82		
BR5	L		B07C1		1-16 *	P						2			1		82		
BR5	L		B08C1		1-17 *	P						1			1		82		
BR5	L		B09C1		1-18 *												82		
BR5	L				1										24-3/8		82		

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9:00      PAGE 11
NC LENGTH EXCEPTIONS      RUN
FLAG                      NUMBER

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BR6	L	A09U2	1-01 *	1	1	83
BR6	L	A08U2	1-02 *	2	1	83
BR6	L	A07U2	1-03 *	1	1	83
BR6	L	A06U2	1-04 *	2	1	83
BR6	L	A05U2	1-05 *	1	1	83
BR6	L	A04U2	1-06 *	2	1	83
BR6	L	A03U2	1-07 *	1	1	83
BR6	L	A02U2	1-08 *	2	1	83
BR6	L	A01U2	1-09 *	1	7	83
BR6	L	D01E2	1-10 * P	2	1	83
BR6	L	D02E2	1-11 * P	1	1	83
BR6	L	D03E2	1-12 * P	2	1	83
BR6	L	D04E2	1-13 * P	1	1	83
BR6	L	D05E2	1-14 * P	2	1	83
BR6	L	D06E2	1-15 * P	1	1	83
BR6	L	D07E2	1-16 * P	2	1	83
BR6	L	D08E2	1-17 * P	1	1	83
BR6	L	D09E2	1-18 *			83
BR6	L		!		23-0/8	83
BR7	L	A09T2	1-01 *	1	1	84
BR7	L	A08T2	1-02 * P	2	1	84
BR7	L	A07T2	1-03 * P	1	1	84
BR7	L	A06T2	1-04 * P	2	1	84
BR7	L	A05T2	1-05 *	1	1	84
BR7	L	A04T2	1-06 * P	1	1-4/8	84
BR7	L	A02T2	1-07 * P	1	1	84
BR7	L	A01T2	1-08 * P	2	1-4/8	84
BR7	L	A03T2	1-09 *	2	7	84
BR7	L	D03D2	1-10 * P	2	1-4/8	84
BR7	L	D01D2	1-11 * P	2	1	84
BR7	L	D02D2	1-12 * P	1	1-4/8	84
BR7	L	D04D2	1-13 * P	1	1	84
BR7	L	D05D2	1-14 * P	2	1	84
BR7	L	D06D2	1-15 * P	1	1	84
BR7	L	D07D2	1-16 * P	2	1	84
BR7	L	D08D2	1-17 * P	1	1	84
BR7	L	D09D2	1-18 *			84
BR7	L		1		25-0/8	84



DD110.B		WRAPD .V35(102)=1 03-JUN-77										7-JUL-78		PAGE 12		RUN NUMBER
RUN	NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	9100 NC LENGTH FLAG	EXCEPTIONS	
BUS A00 L			B01H2		1-01 *	P						2		1		85
BUS A00 L			B02H2		1-02 *	P						1		1		85
BUS A00 L			B03H2		1-03 *	P						2		1		85
BUS A00 L			B04H2		1-04 *							1		1		85
BUS A00 L			B05H2		1-05 *	P						1		1		85
BUS A00 L			B06H2		1-06 *	P						2		1		85
BUS A00 L			B07H2		1-07 *	P						1		1		85
BUS A00 L			B08H2		1-08 *	P						2		1		85
BUS A00 L			B09H2		1-09 *							1		8-2/8		85
BUS A00 L			E09H2		1-10 *							2		1		85
BUS A00 L			E08H2		1-11 *							1		1		85
BUS A00 L			E07H2		1-12 *							2		1		85
BUS A00 L			E06H2		1-13 *							1		1		85
BUS A00 L			E05H2		1-14 *							2		1		85
BUS A00 L			E04H2		1-15 *							1		1		85
BUS A00 L			E03H2		1-16 *							2		1		85
BUS A00 L			E02H2		1-17 *							1		1		85
BUS A00 L			E01H2		1-18 *											85
BUS A00 L					1									24-2/8		85
BUS A01 L			B01H1		1-01 *	P						2		1		86
BUS A01 L			B02H1		1-02 *	P						1		1		86
BUS A01 L			B03H1		1-03 *	P						2		1		86
BUS A01 L			B04H1		1-04 *							1		1		86
BUS A01 L			B05H1		1-05 *	P						1		1		86
BUS A01 L			B06H1		1-06 *	P						2		1		86
BUS A01 L			B07H1		1-07 *	P						1		1		86
BUS A01 L			B08H1		1-08 *	P						2		1		86
BUS A01 L			B09H1		1-09 *							1		8-2/8		86
BUS A01 L			E09H1		1-10 *	P						2		1		86
BUS A01 L			E08H1		1-11 *	P						1		1		86
BUS A01 L			E07H1		1-12 *	P						2		1		86
BUS A01 L			E06H1		1-13 *	P						1		1		86
BUS A01 L			E05H1		1-14 *	P						2		1		86
BUS A01 L			E04H1		1-15 *	P						1		1		86
BUS A01 L			E03H1		1-16 *	P						2		1		86
BUS A01 L			E02H1		1-17 *	P						1		1		86
BUS A01 L			E01H1		1-18 *											86
BUS A01 L					1									24-2/8		86

DD11D,B		WRAPD ,V35(102)=1 03-JUN=77										7-JUL=78		9:00		PAGE 13		RUN	
RUN NAME		A/P	PIN	ORDER	BAY =	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC	LENGTH	EXCEPTIONS	NUMBER		
			NAME	PIN	ORDER		OPT								FLAG				
BUS	A02 L		B01J2		1-01 *	P						2			1		87		
BUS	A02 L		B02J2		1-02 *	P						1			1		87		
BUS	A02 L		B03J2		1-03 *	P						2			1		87		
BUS	A02 L		B04J2		1-04 *							1			1		87		
BUS	A02 L		B05J2		1-05 *	P						1			1-4/8		87		
BUS	A02 L		B07J2		1-06 *	P						1			1		87		
BUS	A02 L		B08J2		1-07 *	P						2			1		87		
BUS	A02 L		B09J2		1-08 *	P						2			2		87		
BUS	A02 L		B06J2		1-09 *							2			9-1/8		87		
BUS	A02 L		E09F1		1-10 *	P						2			1		87		
BUS	A02 L		E08F1		1-11 *	P						1			1		87		
BUS	A02 L		E07F1		1-12 *	P						2			1		87		
BUS	A02 L		E06F1		1-13 *	P						1			1		87		
BUS	A02 L		E05F1		1-14 *	P						2			1		87		
BUS	A02 L		E04F1		1-15 *	P						1			1		87		
BUS	A02 L		E03F1		1-16 *	P						2			1		87		
BUS	A02 L		E02F1		1-17 *	P						1			1		87		
BUS	A02 L		E01F1		1-18 *												87		
BUS	A02 L				1										26-5/8		87		
BUS	A03 L		B01J1		1-01 *	P						1			1		88		
BUS	A03 L		B02J1		1-02 *	P						2			1		88		
BUS	A03 L		B03J1		1-03 *	P						1			1		88		
BUS	A03 L		B04J1		1-04 *							2			1		88		
BUS	A03 L		B05J1		1-05 *	P						2			1		88		
BUS	A03 L		B06J1		1-06 *	P						1			1		88		
BUS	A03 L		B07J1		1-07 *	P						2			1-4/8		88		
BUS	A03 L		B09J1		1-08 *	P						2			1		88		
BUS	A03 L		B08J1		1-09 *							1			9-5/8		88		
BUS	A03 L		E08V2		1-10 *	P						2			1		88		
BUS	A03 L		E09V2		1-11 *	P						1			1-4/8		88		
BUS	A03 L		E07V2		1-12 *	P						1			1		88		
BUS	A03 L		E06V2		1-13 *	P						2			1		88		
BUS	A03 L		E05V2		1-14 *	P						1			1		88		
BUS	A03 L		E04V2		1-15 *	P						2			1		88		
BUS	A03 L		E03V2		1-16 *	P						1			1		88		
BUS	A03 L		E02V2		1-17 *	P						2			1		88		
BUS	A03 L		E01V2		1-18 *												88		
BUS	A03 L				1										26-5/8		88		

DD110.B		WRAPD .V35(102)=1 03-JUN=77										7-JUL=78		9100		PAGE 14			
RUN	NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS	RUN NUMBER		
BUS	A04 L		B01K2		1-01 *	P						2			1		89		
BUS	A04 L		B02K2		1-02 *	P						1			1		89		
BUS	A04 L		B03K2		1-03 *	P						2			1		89		
BUS	A04 L		B04K2		1-04 *							1			1		89		
BUS	A04 L		B05K2		1-05 *	P						1			1		89		
BUS	A04 L		B06K2		1-06 *	P						2			1		89		
BUS	A04 L		B07K2		1-07 *	P						1			1-4/8		89		
BUS	A04 L		B09K2		1-08 *	P						2			1		89		
BUS	A04 L		B08K2		1-09 *							2			9-2/8		89		
BUS	A04 L		E08U2		1-10 *	P						1			1		89		
BUS	A04 L		E09U2		1-11 *	P						2			1-4/8		89		
BUS	A04 L		E07U2		1-12 *	P						2			1		89		
BUS	A04 L		E06U2		1-13 *	P						1			1		89		
BUS	A04 L		E05U2		1-14 *	P						2			1		89		
BUS	A04 L		E04U2		1-15 *	P						1			1		89		
BUS	A04 L		E03U2		1-16 *	P						2			1		89		
BUS	A04 L		E02U2		1-17 *	P						1			1		89		
BUS	A04 L		E01U2		1-18 *												89		
BUS	A04 L				1										26-2/8		89		
BUS	A05 L		B01K1		1-01 *	P						1			1		90		
BUS	A05 L		B02K1		1-02 *	P						2			1		90		
BUS	A05 L		B03K1		1-03 *	P						1			1		90		
BUS	A05 L		B04K1		1-04 *							2			1		90		
BUS	A05 L		B05K1		1-05 *	P						2			1		90		
BUS	A05 L		B06K1		1-06 *	P						1			1		90		
BUS	A05 L		B07K1		1-07 *	P						2			1-4/8		90		
BUS	A05 L		B09K1		1-08 *	P						2			1		90		
BUS	A05 L		B08K1		1-09 *							1			9-3/8		90		
BUS	A05 L		E08V1		1-10 *	P						2			1		90		
BUS	A05 L		E09V1		1-11 *	P						1			1-4/8		90		
BUS	A05 L		E07V1		1-12 *	P						1			1		90		
BUS	A05 L		E06V1		1-13 *	P						2			1		90		
BUS	A05 L		E05V1		1-14 *	P						1			1		90		
BUS	A05 L		E04V1		1-15 *	P						2			1		90		
BUS	A05 L		E03V1		1-16 *	P						1			1		90		
BUS	A05 L		E02V1		1-17 *	P						2			1		90		
BUS	A05 L		E01V1		1-18 *												90		
BUS	A05 L				1										26-3/8		90		

DD11D,H RUN NAME	WRAPD .V35(102)=1 A/P PIN NAME	03-JUN=77 ORDER PIN ORDER	BAY = Q DRAW RV RG Y X Z OPT	REMARKS	7-JUL=78	9100 NC LENGTH FLAG	PAGE 15 EXCEPTIONS	RUN NUMBER
BUS A06 L	B01L2	1-01 *	P		2	1		91
BUS A06 L	B02L2	1-02 *	P		1	1		91
BUS A06 L	B03L2	1-03 *	P		2	1		91
BUS A06 L	B04L2	1-04 *			1	1		91
BUS A06 L	B05L2	1-05 *	P		1	1		91
BUS A06 L	B06L2	1-06 *	P		2	1		91
BUS A06 L	B07L2	1-07 *	P		1	1-4/8		91
BUS A06 L	B09L2	1-08 *	P		2	1		91
BUS A06 L	B08L2	1-09 *			2	9-3/8		91
BUS A06 L	E08U1	1-10 *	P		1	1		91
BUS A06 L	E09U1	1-11 *	P		2	1-4/8		91
BUS A06 L	E07U1	1-12 *	P		2	1		91
BUS A06 L	E06U1	1-13 *	P		1	1		91
BUS A06 L	E05U1	1-14 *	P		2	1		91
BUS A06 L	E04U1	1-15 *	P		1	1		91
BUS A06 L	E03U1	1-16 *	P		2	1		91
BUS A06 L	E02U1	1-17 *	P		1	1		91
BUS A06 L	E01U1	1-18 *						91
BUS A06 L		1				26-3/8		91
BUS A07 L	B01L1	1-01 *	P		1	1		92
BUS A07 L	B02L1	1-02 *	P		2	1		92
BUS A07 L	B03L1	1-03 *	P		1	1		92
BUS A07 L	B04L1	1-04 *			2	1		92
BUS A07 L	B05L1	1-05 *	P		2	1		92
BUS A07 L	B06L1	1-06 *	P		1	1		92
BUS A07 L	B07L1	1-07 *	P		2	1-4/8		92
BUS A07 L	B09L1	1-08 *	P		2	1		92
BUS A07 L	B08L1	1-09 *			1	8-5/8		92
BUS A07 L	E08P2	1-10 *	P		2	1		92
BUS A07 L	E09P2	1-11 *	P		1	1-4/8		92
BUS A07 L	E07P2	1-12 *	P		1	1		92
BUS A07 L	E06P2	1-13 *	P		2	1		92
BUS A07 L	E05P2	1-14 *	P		1	1		92
BUS A07 L	E04P2	1-15 *	P		2	1		92
BUS A07 L	E03P2	1-16 *	P		1	1		92
BUS A07 L	E02P2	1-17 *	P		2	1		92
BUS A07 L	E01P2	1-18 *						92
BUS A07 L		1				25-5/8		92

DD110.B		WRAPD ,V35(102)=1		03-JUN=77		7-JUL=78		9:00		PAGE 16		RUN					
RUN	NAME	A/P	PIN	ORDER	BAY =	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC	LENGTH	EXCEPTIONS	NUMBER
			NAME	PIN	ORDER		OPT							FLAG			
BUS	A08 L		B01M2		1-01	*	P					1			1		93
BUS	A08 L		B02M2		1-02	*	P					2			1		93
BUS	A08 L		B03M2		1-03	*	P					1			1		93
BUS	A08 L		B04M2		1-04	*						2			1		93
BUS	A08 L		B05M2		1-05	*	P					2			1		93
BUS	A08 L		B06M2		1-06	*	P					1			1-4/8		93
BUS	A08 L		B08M2		1-07	*	P					1			1		93
BUS	A08 L		B09M2		1-08	*	P					2			1-4/8		93
BUS	A08 L		B07M2		1-09	*						2			8-3/8		93
BUS	A08 L		E07N2		1-10	*	P					1			1-4/8		93
BUS	A08 L		E09N2		1-11	*	P					1			1		93
BUS	A08 L		E08N2		1-12	*	P					2			1-4/8		93
BUS	A08 L		E06N2		1-13	*	P					2			1		93
BUS	A08 L		E05N2		1-14	*	P					1			1		93
BUS	A08 L		E04N2		1-15	*	P					2			1		93
BUS	A08 L		E03N2		1-16	*	P					1			1		93
BUS	A08 L		E02N2		1-17	*	P					2			1		93
BUS	A08 L		E01N2		1-18	*											93
BUS	A08 L				1										26-3/8		93
BUS	A09 L		B01M1		1-01	*	P					1			1		94
BUS	A09 L		B02M1		1-02	*	P					2			1		94
BUS	A09 L		B03M1		1-03	*	P					1			1		94
BUS	A09 L		B04M1		1-04	*						2			1		94
BUS	A09 L		B05M1		1-05	*	P					2			1		94
BUS	A09 L		B06M1		1-06	*	P					1			1-4/8		94
BUS	A09 L		B08M1		1-07	*	P					1			1		94
BUS	A09 L		B09M1		1-08	*	P					2			1-4/8		94
BUS	A09 L		B07M1		1-09	*						2			8-5/8		94
BUS	A09 L		E07R1		1-10	*	P					1			1-4/8		94
BUS	A09 L		E09R1		1-11	*	P					1			1		94
BUS	A09 L		E08R1		1-12	*	P					2			1-4/8		94
BUS	A09 L		E06R1		1-13	*	P					2			1		94
BUS	A09 L		E05R1		1-14	*	P					1			1		94
BUS	A09 L		E04R1		1-15	*	P					2			1		94
BUS	A09 L		E03R1		1-16	*	P					1			1		94
BUS	A09 L		E02R1		1-17	*	P					2			1		94
BUS	A09 L		E01R1		1-18	*											94
BUS	A09 L				1										26-5/8		94

DD11D.B		WRAPD .V35(102)-1 03-JUN-77										7-JUL-78		9100		PAGE 17		RUN NUMBER
RUN NAME		A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS		
BUS	A10 L		B01N2		1-01 *	P						2			1		95	
BUS	A10 L		B02N2		1-02 *	P						1			1		95	
BUS	A10 L		B03N2		1-03 *	P						2			1		95	
BUS	A10 L		B04N2		1-04 *							1			1		95	
BUS	A10 L		B05N2		1-05 *	P						1			1		95	
BUS	A10 L		B06N2		1-06 *	P						2			1-4/8		95	
BUS	A10 L		B08N2		1-07 *	P						2			1		95	
BUS	A10 L		B09N2		1-08 *	P						2			1-4/8		95	
BUS	A10 L		B07N2		1-09 *							1			8-5/8		95	
BUS	A10 L		E07P1		1-10 *	P						2			1-4/8		95	
BUS	A10 L		E09P1		1-11 *	P						2			1		95	
BUS	A10 L		E08P1		1-12 *	P						1			1-4/8		95	
BUS	A10 L		E06P1		1-13 *	P						1			1		95	
BUS	A10 L		E05P1		1-14 *	P						2			1		95	
BUS	A10 L		E04P1		1-15 *	P						1			1		95	
BUS	A10 L		E03P1		1-16 *	P						2			1		95	
BUS	A10 L		E02P1		1-17 *	P						1			1		95	
BUS	A10 L		E01P1		1-18 *												95	
BUS	A10 L				1										26-5/8		95	
BUS	A11 L		B01N1		1-01 *	P						2			1		96	
BUS	A11 L		B02N1		1-02 *	P						1			1		96	
BUS	A11 L		B03N1		1-03 *	P						2			1		96	
BUS	A11 L		B04N1		1-04 *							1			1		96	
BUS	A11 L		B05N1		1-05 *	P						1			1		96	
BUS	A11 L		B06N1		1-06 *	P						2			1-4/8		96	
BUS	A11 L		B08N1		1-07 *	P						2			1		96	
BUS	A11 L		B09N1		1-08 *	P						2			1-4/8		96	
BUS	A11 L		B07N1		1-09 *							1			8		96	
BUS	A11 L		E07L1		1-10 *	P						2			1-4/8		96	
BUS	A11 L		E09L1		1-11 *	P						2			1		96	
BUS	A11 L		E08L1		1-12 *	P						1			1-4/8		96	
BUS	A11 L		E06L1		1-13 *	P						1			1		96	
BUS	A11 L		E05L1		1-14 *	P						2			1		96	
BUS	A11 L		E04L1		1-15 *	P						1			1		96	
BUS	A11 L		E03L1		1-16 *	P						2			1		96	
BUS	A11 L		E02L1		1-17 *	P						1			1		96	
BUS	A11 L		E01L1		1-18 *												96	
BUS	A11 L				1										26-0/8		96	

DD11D,B		WRAPD .V35(102)=1 03-JUN=77										7-Jul-78		9:00		PAGE 18		RUN NUMBER
RUN	NAME	A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS		
BUS	A12 L		B01P2		1-01 *	P						2			1		97	
BUS	A12 L		B02P2		1-02 *	P						1			1		97	
BUS	A12 L		B03P2		1-03 *	P						2			1		97	
BUS	A12 L		B04P2		1-04 *							1			1		97	
BUS	A12 L		B05P2		1-05 *	P						1			1		97	
BUS	A12 L		B06P2		1-06 *	P						2			1-4/8		97	
BUS	A12 L		B08P2		1-07 *	P						2			1		97	
BUS	A12 L		B09P2		1-08 *	P						2			1-4/8		97	
BUS	A12 L		B07P2		1-09 *							1			7-1/8		97	
BUS	A12 L		E07C1		1-10 *	P						2			1-4/8		97	
BUS	A12 L		E09C1		1-11 *	P						2			1		97	
BUS	A12 L		E08C1		1-12 *	P						1			1-4/8		97	
BUS	A12 L		E06C1		1-13 *	P						1			1		97	
BUS	A12 L		E05C1		1-14 *	P						2			1		97	
BUS	A12 L		E04C1		1-15 *	P						1			1		97	
BUS	A12 L		E03C1		1-16 *	P						2			1		97	
BUS	A12 L		E02C1		1-17 *	P						1			1		97	
BUS	A12 L		E01C1		1-18 *												97	
BUS	A12 L				1										25-1/8		97	
BUS	A13 L		B01P1		1-01 *	P						1			1		98	
BUS	A13 L		B02P1		1-02 *	P						2			1		98	
BUS	A13 L		B03P1		1-03 *	P						1			1		98	
BUS	A13 L		B04P1		1-04 *							2			1		98	
BUS	A13 L		B05P1		1-05 *	P						2			1-4/8		98	
BUS	A13 L		B07P1		1-06 *	P						2			1		98	
BUS	A13 L		B08P1		1-07 *	P						1			1		98	
BUS	A13 L		B09P1		1-08 *	P						2			2		98	
BUS	A13 L		B06P1		1-09 *							1			7-7/8		98	
BUS	A13 L		E06K2		1-10 *	P						2			2		98	
BUS	A13 L		E09K2		1-11 *	P						1			1		98	
BUS	A13 L		E08K2		1-12 *	P						2			1		98	
BUS	A13 L		E07K2		1-13 *	P						1			1-4/8		98	
BUS	A13 L		E05K2		1-14 *	P						1			1		98	
BUS	A13 L		E04K2		1-15 *	P						2			1		98	
BUS	A13 L		E03K2		1-16 *	P						1			1		98	
BUS	A13 L		E02K2		1-17 *	P						2			1		98	
BUS	A13 L		E01K2		1-18 *												98	
BUS	A13 L				1										26-7/8		98	

DD110.B		WRAPD ,V35(102)=1		03-JUN-77								7-JUL-78		9100		PAGE 19			
RUN NAME		A/P	PIN	ORDER	BAY -	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC	LENGTH	EXCEPTIONS	RUN		
			NAME	PIN	ORDER		OPT								FLAG		NUMBER		
BUS	A14 L		B01R2		1-01 *	P						2			1		99		
BUS	A14 L		B02R2		1-02 *	P						1			1		99		
BUS	A14 L		B03R2		1-03 *	P						2			1		99		
BUS	A14 L		B04R2		1-04 *							1			1		99		
BUS	A14 L		B05R2		1-05 *	P						1			1-4/8		99		
BUS	A14 L		B07R2		1-06 *	P						1			1		99		
BUS	A14 L		B08R2		1-07 *	P						2			1		99		
BUS	A14 L		B09R2		1-08 *	P						2			2		99		
BUS	A14 L		B06R2		1-09 *							2			7-7/8		99		
BUS	A14 L		E06K1		1-10 *	P						1			2		99		
BUS	A14 L		E09K1		1-11 *	P						2			1		99		
BUS	A14 L		E08K1		1-12 *	P						1			1		99		
BUS	A14 L		E07K1		1-13 *	P						2			1-4/8		99		
BUS	A14 L		E05K1		1-14 *	P						2			1		99		
BUS	A14 L		E04K1		1-15 *	P						1			1		99		
BUS	A14 L		E03K1		1-16 *	P						2			1		99		
BUS	A14 L		E02K1		1-17 *	P						1			1		99		
BUS	A14 L		E01K1		1-18 *										1		99		
BUS	A14 L				1										26-7/8		99		
BUS	A15 L		B01R1		1-01 *	P						1			1		100		
BUS	A15 L		B02R1		1-02 *	P						2			1		100		
BUS	A15 L		B03R1		1-03 *	P						1			1		100		
BUS	A15 L		B04R1		1-04 *							2			1		100		
BUS	A15 L		B05R1		1-05 *	P						2			1		100		
BUS	A15 L		B06R1		1-06 *	P						1			1		100		
BUS	A15 L		B07R1		1-07 *	P						2			1		100		
BUS	A15 L		B08R1		1-08 *	P						1			1		100		
BUS	A15 L		B09R1		1-09 *							1			7-1/8		100		
BUS	A15 L		E09D2		1-10 *							2			1		100		
BUS	A15 L		E08D2		1-11 *							1			1		100		
BUS	A15 L		E07D2		1-12 *							2			1		100		
BUS	A15 L		E06D2		1-13 *							1			1		100		
BUS	A15 L		E05D2		1-14 *							2			1		100		
BUS	A15 L		E04D2		1-15 *							1			1		100		
BUS	A15 L		E03D2		1-16 *							2			1		100		
BUS	A15 L		E02D2		1-17 *							1			1		100		
BUS	A15 L		E01D2		1-18 *										1		100		
BUS	A15 L				1										23-1/8		100		



DD11D,B		WRAPD .V35(102)=1		03-JUN-77										7-JUL-78		9100		PAGE 20			
RUN NAME		A/P	PIN	ORDER	BAY =	Q	DRAW	RV	RG	Y	X	Z	REMARKS			NC	LENGTH	EXCEPTIONS	RUN		
			NAME	PJN	ORDER		OPT									FLAG			NUMBER		
BUS	A16 L		B01S2		1-01	*	P					2				1			101		
BUS	A16 L		B02S2		1-02	*	P					1				1			101		
BUS	A16 L		B03S2		1-03	*	P					2				1			101		
BUS	A16 L		B04S2		1-04	*						1				1			101		
BUS	A16 L		B05S2		1-05	*	P					1				1-4/8			101		
BUS	A16 L		B07S2		1-06	*	P					1				1			101		
BUS	A16 L		B08S2		1-07	*	P					2				1			101		
BUS	A16 L		B09S2		1-08	*	P					2				2			101		
BUS	A16 L		B06S2		1-09	*						2				7			101		
BUS	A16 L		E06E2		1-10	*	P					1				2			101		
BUS	A16 L		E09E2		1-11	*	P					2				1			101		
BUS	A16 L		E08E2		1-12	*	P					1				1			101		
BUS	A16 L		E07E2		1-13	*	P					2				1-4/8			101		
BUS	A16 L		E05E2		1-14	*	P					2				1			101		
BUS	A16 L		E04E2		1-15	*	P					1				1			101		
BUS	A16 L		E03E2		1-16	*	P					2				1			101		
BUS	A16 L		E02E2		1-17	*	P					1				1			101		
BUS	A16 L		E01E2		1-18	*													101		
BUS	A16 L				1											26-0/8			101		
BUS	A17 L		B01S1		1-01	*	P					1				1			102		
BUS	A17 L		B02S1		1-02	*	P					2				1			102		
BUS	A17 L		B03S1		1-03	*	P					1				1			102		
BUS	A17 L		B04S1		1-04	*						2				1			102		
BUS	A17 L		B05S1		1-05	*	P					2				1-4/8			102		
BUS	A17 L		B07S1		1-06	*	P					2				1			102		
BUS	A17 L		B08S1		1-07	*	P					1				1			102		
BUS	A17 L		B09S1		1-08	*	P					2				2			102		
BUS	A17 L		B06S1		1-09	*						1				6-7/8			102		
BUS	A17 L		E06D1		1-10	*	P					2				2			102		
BUS	A17 L		E09D1		1-11	*	P					1				1			102		
BUS	A17 L		E08D1		1-12	*	P					2				1			102		
BUS	A17 L		E07D1		1-13	*	P					1				1-4/8			102		
BUS	A17 L		E05D1		1-14	*	P					1				1			102		
BUS	A17 L		E04D1		1-15	*	P					2				1			102		
BUS	A17 L		E03D1		1-16	*	P					1				1			102		
BUS	A17 L		E02D1		1-17	*	P					2				1			102		
BUS	A17 L		E01D1		1-18	*													102		
BUS	A17 L				1											25-7/8			102		

DD11D.B		WRAPD .V35(102)-1		03-JUN-77		7-JUL-78		PAGE 21										
RUN NAME		A/P	PIN	ORDER	BAY -	Q	DRAW	RV	RG	Y	X	Z	REMARKS	9:00	NC	LENGTH	EXCEPTIONS	RUN
			NAME	PIN	ORDER		OPT							FLAG				NUMBER
BUS	D00 L		A09C1		1-01 *							1			1			103
BUS	D00 L		A08C1		1-02 *							2			1			103
BUS	U00 L		A07C1		1-03 *							1			1			103
BUS	D00 L		A06C1		1-04 *							2			1			103
BUS	D00 L		A05C1		1-05 *							1			1			103
BUS	D00 L		A04C1		1-06 *							2			1			103
BUS	D00 L		A03C1		1-07 *							1			1			103
BUS	D00 L		A02C1		1-08 *	P						2			1			103
BUS	D00 L		A01C1		1-09 *							1			7-3/8			103
BUS	D00 L		C01S2		1-10 *							2			1			103
BUS	D00 L		C02S2		1-11 *							1			1			103
BUS	D00 L		C03S2		1-12 *							2			1			103
BUS	D00 L		C04S2		1-13 *							1			1			103
BUS	D00 L		C05S2		1-14 *							2			1			103
BUS	D00 L		C06S2		1-15 *							1			1			103
BUS	D00 L		C07S2		1-16 *							2			1			103
BUS	D00 L		C08S2		1-17 *							1			1			103
BUS	D00 L		C09S2		1-18 *													103
BUS	D00 L				1										23-3/8			103
BUS	D01 L		C09R2		1-01 *	P						2			1			104
BUS	D01 L		C08R2		1-02 *	P						1			1			104
BUS	U01 L		C07R2		1-03 *	P						2			1			104
BUS	U01 L		C06R2		1-04 *	P						1			1			104
BUS	U01 L		C05R2		1-05 *	P						2			1			104
BUS	U01 L		C04R2		1-06 *	P						1			1			104
BUS	U01 L		C03R2		1-07 *	P						2			1			104
BUS	U01 L		C02R2		1-08 *	P						1			1			104
BUS	U01 L		C01R2		1-09 *							2			7			104
BUS	D01 L		A01D2		1-10 *	P						2			1			104
BUS	D01 L		A02D2		1-11 *	P						1			1			104
BUS	U01 L		A03D2		1-12 *	P						2			1			104
BUS	D01 L		A04D2		1-13 *							1			1			104
BUS	U01 L		A05D2		1-14 *	P						1			1			104
BUS	U01 L		A06D2		1-15 *	P						2			1			104
BUS	D01 L		A07D2		1-16 *	P						1			1			104
BUS	U01 L		A08D2		1-17 *	P						2			1			104
BUS	D01 L		A09D2		1-18 *													104
BUS	D01 L				1										23-0/8			104

9100 PAGE 22  
NC LENGTH EXCEPTIONS RUN  
FLAG NUMBER

BUS D02 L	F09E2	1-01 *	P	1	1	105
BUS D02 L	F08E2	1-02 *	P	2	1	105
BUS D02 L	F07E2	1-03 *	P	1	1	105
BUS D02 L	F06E2	1-04 *	P	2	1-4/8	105
BUS D02 L	F04E2	1-05 *	P	2	1	105
BUS D02 L	F03E2	1-06 *	P	1	1	105
BUS D02 L	F02E2	1-07 *	P	2	1	105
BUS D02 L	F01E2	1-08 *	P	1	2-4/8	105
BUS D02 L	F05E2	1-09 *		1	7	105
BUS D02 L	C05U2	1-10 *	P	1	2-4/8	105
BUS D02 L	C09U2	1-11 *	P	1	1	105
BUS D02 L	C08U2	1-12 *	P	2	1	105
BUS D02 L	C07U2	1-13 *	P	1	1	105
BUS D02 L	C06U2	1-14 *	P	2	1-4/8	105
BUS D02 L	C04U2	1-15 *	P	2	1	105
BUS D02 L	C03U2	1-16 *	P	1	1	105
BUS D02 L	C02U2	1-17 *	P	2	1	105
BUS D02 L	C01U2	1-18 *		1	7-3/8	105
BUS D02 L	A01D1	1-19 *	P	1	1	105
BUS D02 L	A02D1	1-20 *	P	2	1	105
BUS D02 L	A03D1	1-21 *	P	1	1	105
BUS D02 L	A04D1	1-22 *		2	1	105
BUS D02 L	A05D1	1-23 *	P	2	1	105
BUS D02 L	A06D1	1-24 *	P	1	1	105
BUS D02 L	A07D1	1-25 *	P	2	1	105
BUS D02 L	A08D1	1-26 *	P	1	1	105
BUS D02 L	A09D1	1-27 *				105
BUS D02 L		1			42-3/8	105

DD11D.B		WRAPD .V35(102)=1 03-JUN=77										7-JUL=78		PAGE 23		RUN NUMBER
RUN	NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	9100 NC LENGTH FLAG	EXCEPTIONS	
BUS D03 L			F09L1		1-01 *	P						1		1		106
BUS D03 L			F08L1		1-02 *	P						2		1		106
BUS D03 L			F07L1		1-03 *	P						1		1		106
BUS D03 L			F06L1		1-04 *	P						2		1-4/8		106
BUS D03 L			F04L1		1-05 *	P						2		1		106
BUS D03 L			F03L1		1-06 *	P						1		1		106
BUS D03 L			F02L1		1-07 *	P						2		1		106
BUS D03 L			F01L1		1-08 *	P						1		2-4/8		106
BUS D03 L			F05L1		1-09 *							1		7-7/8		106
BUS D03 L			C05T2		1-10 *	P						1		2-4/8		106
BUS D03 L			C09T2		1-11 *	P						1		1		106
BUS D03 L			C08T2		1-12 *	P						2		1		106
BUS D03 L			C07T2		1-13 *	P						1		1		106
BUS D03 L			C06T2		1-14 *	P						2		1-4/8		106
BUS D03 L			C04T2		1-15 *	P						2		1		106
BUS D03 L			C03T2		1-16 *	P						1		1		106
BUS D03 L			C02T2		1-17 *	P						2		1		106
BUS D03 L			C01T2		1-18 *							1		7-1/8		106
BUS D03 L			A01E2		1-19 *	P						1		1		106
BUS D03 L			A02E2		1-20 *	P						2		1		106
BUS D03 L			A03E2		1-21 *	P						1		1		106
BUS D03 L			A04E2		1-22 *							2		1		106
BUS D03 L			A05E2		1-23 *	P						2		1		106
BUS D03 L			A06E2		1-24 *	P						1		1		106
BUS D03 L			A07E2		1-25 *	P						2		1		106
BUS D03 L			A08E2		1-26 *	P						1		1		106
BUS D03 L			A09E2		1-27 *											106
BUS D03 L					1									43-0/8		106

DD110,H		WRAPD ,V35(102)=1 03-JUN=77										7-JUL=78		9100		PAGE 24		RUN	
RUN NAME		A/P	PIN	ORDER	BAY -	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC	LENGTH	EXCEPTIONS	RUN		
			NAME	PIN	ORDER		OPT							FLAG			NUMBER		
BUS	D04 L		F09N2		1-01 *	P						1		1			107		
BUS	D04 L		F08N2		1-02 *	P						2		1			107		
BUS	D04 L		F07N2		1-03 *	P						1		1			107		
BUS	D04 L		F06N2		1-04 *	P						2		1-4/8			107		
BUS	D04 L		F04N2		1-05 *	P						2		1			107		
BUS	D04 L		F03N2		1-06 *	P						1		1			107		
BUS	D04 L		F02N2		1-07 *	P						2		1			107		
BUS	D04 L		F01N2		1-08 *	P						1		2-4/8			107		
BUS	D04 L		F05N2		1-09 *							1		8-4/8			107		
BUS	D04 L		C05N2		1-10 *	P						1		2-4/8			107		
BUS	D04 L		C09N2		1-11 *	P						1		1			107		
BUS	D04 L		C08N2		1-12 *	P						2		1			107		
BUS	D04 L		C07N2		1-13 *	P						1		1			107		
BUS	D04 L		C06N2		1-14 *	P						2		1-4/8			107		
BUS	D04 L		C04N2		1-15 *	P						2		1			107		
BUS	D04 L		C03N2		1-16 *	P						1		1-4/8			107		
BUS	D04 L		C01N2		1-17 *	P						1		1			107		
BUS	D04 L		C02N2		1-18 *							2		6-7/8			107		
BUS	D04 L		A02E1		1-19 *	P						2		1			107		
BUS	D04 L		A01E1		1-20 *	P						1		1-4/8			107		
BUS	D04 L		A03E1		1-21 *	P						1		1			107		
BUS	D04 L		A04E1		1-22 *							2		1			107		
BUS	D04 L		A05E1		1-23 *	P						2		1			107		
BUS	D04 L		A06E1		1-24 *	P						1		1			107		
BUS	D04 L		A07E1		1-25 *	P						2		1			107		
BUS	D04 L		A08E1		1-26 *	P						1		1			107		
BUS	D04 L		A09E1		1-27 *												107		
BUS	D04 L				1									44-3/8			107		

DD110.B		WRAPD .V35(102)=1 03-JUN-77										7-JUL-78		9100		PAGE 25		
RUN NAME		A/P	PIN	ORDER	BAY =	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC	LENGTH	EXCEPTIONS	RUN	
			NAME	PIN	ORDER		OPT							FLAG			NUMBER	
BUS	D05 L		A09F2		1-01 *	P						2			1		108	
BUS	D05 L		A08F2		1-02 *	P						2			1		108	
BUS	D05 L		A07F2		1-03 *	P						1			1		108	
BUS	D05 L		A06F2		1-04 *	P						2			1		108	
BUS	D05 L		A05F2		1-05 *							1			1		108	
BUS	D05 L		A04F2		1-06 *	P						1			1		108	
BUS	D05 L		A03F2		1-07 *	P						2			1-4/8		108	
BUS	D05 L		A01F2		1-08 *	P						2			1		108	
BUS	D05 L		A02F2		1-09 *							1			6-5/8		108	
BUS	D05 L		C02P2		1-10 *	P						1			1		108	
BUS	D05 L		C01P2		1-11 *	P						2			1-4/8		108	
BUS	D05 L		C03P2		1-12 *	P						2			1		108	
BUS	D05 L		C04P2		1-13 *	P						1			1-4/8		108	
BUS	D05 L		C06P2		1-14 *	P						1			1		108	
BUS	D05 L		C07P2		1-15 *	P						2			1		108	
BUS	D05 L		C08P2		1-16 *	P						1			1		108	
BUS	D05 L		C09P2		1-17 *	P						2			2-4/8		108	
BUS	D05 L		C05P2		1-18 *							2			7-5/8		108	
BUS	D05 L		F05F1		1-19 *	P						2			2-4/8		108	
BUS	D05 L		F01F1		1-20 *	P						2			1		108	
BUS	D05 L		F02F1		1-21 *	P						1			1		108	
BUS	D05 L		F03F1		1-22 *	P						2			1		108	
BUS	D05 L		F04F1		1-23 *	P						1			1-4/8		108	
BUS	D05 L		F06F1		1-24 *	P						1			1		108	
BUS	D05 L		F07F1		1-25 *	P						2			1		108	
BUS	D05 L		F08F1		1-26 *	P						1			1		108	
BUS	D05 L		F09F1		1-27 *												108	
BUS	D05 L				1										43-2/8		108	

DD11D.H		WRAPD .V35(102)=1 03-JUN=77										7-JUL-78		9:00		PAGE 26		
RUN	NAME	A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS	RUN NUMBER	
BUS	D06 L		A09F1		1-01 *	P						2			1		109	
BUS	D06 L		A08F1		1-02 *	P						1			1		109	
BUS	D06 L		A07F1		1-03 *	P						2			1		109	
BUS	D06 L		A06F1		1-04 *	P						1			1		109	
BUS	D06 L		A05F1		1-05 *							2			1		109	
BUS	D06 L		A04F1		1-06 *	P						2			1		109	
BUS	D06 L		A03F1		1-07 *	P						1			1-4/8		109	
BUS	D06 L		A01F1		1-08 *	P						1			1		109	
BUS	D06 L		A02F1		1-09 *							2			7-3/8		109	
BUS	D06 L		C02V2		1-10 *	P						2			1		109	
BUS	D06 L		C01V2		1-11 *	P						1			1-4/8		109	
BUS	D06 L		C03V2		1-12 *	P						1			1		109	
BUS	D06 L		C04V2		1-13 *	P						2			1-4/8		109	
BUS	D06 L		C06V2		1-14 *	P						2			1		109	
BUS	D06 L		C07V2		1-15 *	P						1			1		109	
BUS	D06 L		C08V2		1-16 *	P						2			1		109	
BUS	D06 L		C09V2		1-17 *	P						1			2-4/8		109	
BUS	D06 L		C05V2		1-18 *							1			7		109	
BUS	D06 L		F05F2		1-19 *	P						1			2-4/8		109	
BUS	D06 L		F01F2		1-20 *	P						1			1		109	
BUS	D06 L		F02F2		1-21 *	P						2			1		109	
BUS	D06 L		F03F2		1-22 *	P						1			1		109	
BUS	D06 L		F04F2		1-23 *	P						2			1-4/8		109	
BUS	D06 L		F06F2		1-24 *	P						2			1		109	
BUS	D06 L		F07F2		1-25 *	P						1			1		109	
BUS	D06 L		F08F2		1-26 *	P						2			1		109	
BUS	D06 L		F09F2		1-27 *												109	
BUS	D06 L				1										43-3/8		109	

DD110.B		WRAPD ,V35(102)*1 03-JUN-77										7-JUL-78		PAGE 27		RUN NUMBER
RUN NAME		A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	9100 NC LENGTH FLAG	EXCEPTIONS	
BUS D07 L			A09H2		1-01 *	P						2		1		110
BUS D07 L			A08H2		1-02 *	P						1		1		110
BUS D07 L			A07H2		1-03 *	P						2		1		110
BUS D07 L			A06H2		1-04 *	P						1		1		110
BUS D07 L			A05H2		1-05 *							2		1		110
BUS D07 L			A04H2		1-06 *	P						2		1		110
BUS D07 L			A03H2		1-07 *	P						1		1-4/8		110
BUS D07 L			A01H2		1-08 *	P						1		1		110
BUS D07 L			A02H2		1-09 *							2		6-2/8		110
BUS D07 L			C02M2		1-10 *	P						2		1		110
BUS D07 L			C01M2		1-11 *	P						1		1-4/8		110
BUS D07 L			C03M2		1-12 *	P						1		1		110
BUS D07 L			C04M2		1-13 *	P						2		1-4/8		110
BUS D07 L			C06M2		1-14 *	P						2		1		110
BUS D07 L			C07M2		1-15 *	P						1		1		110
BUS D07 L			C08M2		1-16 *	P						2		1		110
BUS D07 L			C09M2		1-17 *	P						1		2-4/8		110
BUS D07 L			C05M2		1-18 *							1		8-1/8		110
BUS D07 L			F05H1		1-19 *	P						1		2-4/8		110
BUS D07 L			F01H1		1-20 *	P						1		1		110
BUS D07 L			F02H1		1-21 *	P						2		1		110
BUS D07 L			F03H1		1-22 *	P						1		1		110
BUS D07 L			F04H1		1-23 *	P						2		1-4/8		110
BUS D07 L			F06H1		1-24 *	P						2		1		110
BUS D07 L			F07H1		1-25 *	P						1		1		110
BUS D07 L			F08H1		1-26 *	P						2		1		110
BUS D07 L			F09H1		1-27 *											110
BUS D07 L					1									43-3/8		110



DD11D.B		WRAPD .V35(102)=1 03-JUN-77										7-JUL-78		9100		PAGE 28		RUN
RUN NAME		A/P	PIN	ORDER	BAY -	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC	LENGTH	EXCEPTIONS	NUMBER	
			NAME	PIN	ORDER		OPT								FLAG			
BUS	D08 L		A09H1		1-01 *	P						2			1		111	
BUS	D08 L		A08H1		1-02 *	P						1			1		111	
BUS	D08 L		A07H1		1-03 *	P						2			1		111	
BUS	D08 L		A06H1		1-04 *	P						1			1		111	
BUS	D08 L		A05H1		1-05 *							2			1		111	
BUS	D08 L		A04H1		1-06 *	P						2			1		111	
BUS	D08 L		A03H1		1-07 *	P						1			1-4/8		111	
BUS	D08 L		A01H1		1-08 *	P						1			1		111	
BUS	D08 L		A02H1		1-09 *							2			6-3/8		111	
BUS	D08 L		C02L2		1-10 *	P						2			1		111	
BUS	D08 L		C01L2		1-11 *	P						1			1-4/8		111	
BUS	D08 L		C03L2		1-12 *	P						1			1		111	
BUS	D08 L		C04L2		1-13 *	P						2			1-4/8		111	
BUS	D08 L		C06L2		1-14 *	P						2			1		111	
BUS	D08 L		C07L2		1-15 *	P						1			1		111	
BUS	D08 L		C08L2		1-16 *	P						2			1		111	
BUS	D08 L		C09L2		1-17 *	P						1			2-4/8		111	
BUS	D08 L		C05L2		1-18 *							1			8-5/8		111	
BUS	D08 L		F05K1		1-19 *	P						1			2-4/8		111	
BUS	D08 L		F01K1		1-20 *	P						1			1		111	
BUS	D08 L		F02K1		1-21 *	P						2			1		111	
BUS	D08 L		F03K1		1-22 *	P						1			1		111	
BUS	D08 L		F04K1		1-23 *	P						2			1-4/8		111	
BUS	D08 L		F06K1		1-24 *	P						2			1		111	
BUS	D08 L		F07K1		1-25 *	P						1			1		111	
BUS	D08 L		F08K1		1-26 *	P						2			1		111	
BUS	D08 L		F09K1		1-27 *												111	
BUS	D08 L				1										44-0/8		111	
BUS	D09 L		A09J2		1-01 *	P						2			1		112	
BUS	D09 L		A08J2		1-02 *	P						2			1		112	
BUS	D09 L		A07J2		1-03 *	P						1			1		112	
BUS	D09 L		A06J2		1-04 *	P						2			1		112	
BUS	D09 L		A05J2		1-05 *							1			1		112	
BUS	D09 L		A04J2		1-06 *	P						1			1		112	
BUS	D09 L		A03J2		1-07 *	P						2			1-4/8		112	
BUS	D09 L		A01J2		1-08 *	P						2			1		112	
BUS	D09 L		A02J2		1-09 *							1			5-7/8		112	
BUS	D09 L		C02K2		1-10 *	P						1			1		112	
BUS	D09 L		C01K2		1-11 *	P						2			1-4/8		112	
BUS	D09 L		C03K2		1-12 *	P						2			1		112	
BUS	D09 L		C04K2		1-13 *	P						1			1		112	
BUS	D09 L		C05K2		1-14 *	P						2			1		112	
BUS	D09 L		C06K2		1-15 *	P						1			1		112	
BUS	D09 L		C07K2		1-16 *	P						2			1		112	
BUS	D09 L		C08K2		1-17 *	P						1			1		112	
BUS	D09 L		C09K2		1-18 *												112	
BUS	D09 L				1										22-7/8		112	

DN11D.B		WRAPD .V35(102)=1 03-JUN-77										7-JUL-78		PAGE 29		RUN NUMBER
RUN	NAME	A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	9100 NC LENGTH FLAG	EXCEPTIONS	
BUS	D10 L		A09J1		1-01 *	P						2		1		113
BUS	D10 L		A08J1		1-02 *	P						1		1		113
BUS	D10 L		A07J1		1-03 *	P						2		1		113
BUS	D10 L		A06J1		1-04 *	P						1		1		113
BUS	D10 L		A05J1		1-05 *							2		1		113
BUS	D10 L		A04J1		1-06 *	P						2		1		113
BUS	D10 L		A03J1		1-07 *	P						1		1-4/8		113
BUS	D10 L		A01J1		1-08 *	P						1		1		113
BUS	D10 L		A02J1		1-09 *							2		5-7/8		113
BUS	D10 L		C02J2		1-10 *	P						2		1		113
BUS	D10 L		C01J2		1-11 *	P						1		1-4/8		113
BUS	D10 L		C03J2		1-12 *	P						1		1		113
BUS	D10 L		C04J2		1-13 *	P						2		1		113
BUS	D10 L		C05J2		1-14 *	P						1		1		113
BUS	D10 L		C06J2		1-15 *	P						2		1		113
BUS	D10 L		C07J2		1-16 *	P						1		1		113
BUS	D10 L		C08J2		1-17 *	P						2		1		113
BUS	D10 L		C09J2		1-18 *											113
BUS	D10 L				1									22-7/8		113
BUS	D11 L		A09K2		1-01 *	P						1		1		114
BUS	D11 L		A08K2		1-02 *	P						2		1		114
BUS	D11 L		A07K2		1-03 *	P						1		1		114
BUS	D11 L		A06K2		1-04 *	P						2		1		114
BUS	D11 L		A05K2		1-05 *							1		1		114
BUS	D11 L		A04K2		1-06 *	P						1		1-4/8		114
BUS	D11 L		A02K2		1-07 *	P						1		1		114
BUS	D11 L		A01K2		1-08 *	P						2		1-4/8		114
BUS	D11 L		A03K2		1-09 *							2		5-5/8		114
BUS	D11 L		C03H1		1-10 *	P						2		1-4/8		114
BUS	D11 L		C01H1		1-11 *	P						2		1		114
BUS	D11 L		C02H1		1-12 *	P						1		1-4/8		114
BUS	D11 L		C04H1		1-13 *	P						1		1		114
BUS	D11 L		C05H1		1-14 *	P						2		1		114
BUS	D11 L		C06H1		1-15 *	P						1		1		114
BUS	D11 L		C07H1		1-16 *	P						2		1		114
BUS	D11 L		C08H1		1-17 *	P						1		1		114
BUS	D11 L		C09H1		1-18 *											114
BUS	D11 L				1									23-5/8		114

DD110,B		WRAPD ,V35(102)=1		03-JUN=77		7-JUL=78		9:00		PAGE 30		RUN					
RUN NAME		A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS	NUMBER
BUS D12 L			A09K1		1-01 *	P						1			1		115
BUS D12 L			A08K1		1-02 *	P						1			1		115
BUS D12 L			A07K1		1-03 *	P						2			1		115
BUS D12 L			A06K1		1-04 *	P						1			1		115
BUS D12 L			A05K1		1-05 *							2			1		115
BUS D12 L			A04K1		1-06 *	P						2			2		115
BUS D12 L			A01K1		1-07 *	P						1			1		115
BUS D12 L			A02K1		1-08 *	P						2			1		115
BUS D12 L			A03K1		1-09 *							1			5-5/8		115
BUS D12 L			C03H2		1-10 *	P						1			1-4/8		115
BUS D12 L			C01H2		1-11 *	P						1			1		115
BUS D12 L			C02H2		1-12 *	P						2			1-4/8		115
BUS D12 L			C04H2		1-13 *	P						2			1		115
BUS D12 L			C05H2		1-14 *	P						1			1		115
BUS D12 L			C06H2		1-15 *	P						2			1		115
BUS D12 L			C07H2		1-16 *	P						1			1		115
BUS D12 L			C08H2		1-17 *	P						2			1		115
BUS D12 L			C09H2		1-18 *										1		115
BUS D12 L					1										23-5/8		115
BUS D13 L			A09L2		1-01 *	P						1			1		116
BUS D13 L			A08L2		1-02 *	P						1			1		116
BUS D13 L			A07L2		1-03 *	P						2			1		116
BUS D13 L			A06L2		1-04 *	P						1			1		116
BUS D13 L			A05L2		1-05 *							2			1		116
BUS D13 L			A04L2		1-06 *	P						2			1-4/8		116
BUS D13 L			A02L2		1-07 *	P						2			1		116
BUS D13 L			A01L2		1-08 *	P						1			1-4/8		116
BUS D13 L			A03L2		1-09 *							1			5-2/8		116
BUS D13 L			C03F2		1-10 *	P						1			1-4/8		116
BUS D13 L			C01F2		1-11 *	P						1			1		115
BUS D13 L			C02F2		1-12 *	P						2			1-4/8		115
BUS D13 L			C04F2		1-13 *	P						2			1		116
BUS D13 L			C05F2		1-14 *	P						1			1		116
BUS D13 L			C06F2		1-15 *	P						2			1		116
BUS D13 L			C07F2		1-16 *	P						1			1		116
BUS D13 L			C08F2		1-17 *	P						2			1		116
BUS D13 L			C09F2		1-18 *										1		116
BUS D13 L					1										23-2/8		116

DD11D.H RUN NAME	WRAPD .V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV RC Y	X	Z	REMARKS	7-JUL-70	9100 NC LENGTH FLAG	PAGE J1 EXCEPTIONS	RUN NUMBER
BUS D14 L	A09L1	1-01 *	P					1			1		117
BUS D14 L	A08L1	1-02 *	P					1			1		117
BUS D14 L	A07L1	1-03 *	P					2			1		117
BUS D14 L	A06L1	1-04 *	P					1			1		117
BUS D14 L	A05L1	1-05 *						2			1		117
BUS D14 L	A04L1	1-06 *	P					2			1-4/8		117
BUS D14 L	A02L1	1-07 *	P					2			1		117
BUS D14 L	A01L1	1-08 *	P					1			1-4/8		117
BUS D14 L	A03L1	1-09 *						1			5-1/8		117
BUS D14 L	C03E2	1-10 *	P					1			1-4/8		117
BUS D14 L	C01E2	1-11 *	P					1			1		117
BUS D14 L	C02E2	1-12 *	P					2			1-4/8		117
BUS D14 L	C04E2	1-13 *	P					2			1		117
BUS D14 L	C05E2	1-14 *	P					1			1		117
BUS D14 L	C06E2	1-15 *	P					2			1		117
BUS D14 L	C07E2	1-16 *	P					1			1		117
BUS D14 L	C08E2	1-17 *	P					2			1		117
BUS D14 L	C09E2	1-18 *									1		117
BUS D14 L		1									23-1/8		117
BUS D15 L	A09M2	1-01 *	P					1			1		118
BUS D15 L	A08M2	1-02 *	P					1			1		118
BUS D15 L	A07M2	1-03 *	P					2			1		118
BUS D15 L	A06M2	1-04 *	P					1			1		118
BUS D15 L	A05M2	1-05 *						2			1		118
BUS D15 L	A04M2	1-06 *	P					2			1		118
BUS D15 L	A03M2	1-07 *	P					1			1		118
BUS D15 L	A02M2	1-08 *	P					2			1		118
BUS D15 L	A01M2	1-09 *						1			4-7/8		118
BUS D15 L	C01D2	1-10 *						2			1		118
BUS D15 L	C02D2	1-11 *						1			1		118
BUS D15 L	C03D2	1-12 *						2			1		118
BUS D15 L	C04D2	1-13 *						1			1		118
BUS D15 L	C05D2	1-14 *						2			1		118
BUS D15 L	C06D2	1-15 *						1			1		118
BUS D15 L	C07D2	1-16 *						2			1		118
BUS D15 L	C08D2	1-17 *						1			1		118
BUS D15 L	C09D2	1-18 *											118
BUS D15 L		1									20-7/8		118
C BG IN	D03U2	1-01 *						1			3-7/8		119
C BG IN	F03B1	1-02 *											119
C BG IN		1									3-7/8		119
C BG OUT	D03V2	1-01 *						1			3-7/8		120
C BG OUT	F03A1	1-02 *											120
C BG OUT		1									3-7/8		120
C BR OUT	D03J2	1-01 *						1			6-5/8		121
C BR OUT	F03P1	1-02 *						2			1		121
C BR OUT	F03U2	1-03 *											121
C BR OUT		1									7-5/8		121
C IN	D03H1	1-01 *						1			3-4/8		122
C IN	E03M1	1-02 *											122
C IN		1									3-4/8		122

DD11D,0		WRAPD .V35(102)=1 03-JUN-77										7-JUL-78		9100		PAGE 32			
RUN NAME		A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS	RUN NUMBER		
C	INT A		D03N1		1-01 *							1			6-3/8			123	
C	INT A		F03U1		1-02 *													123	
C	INT A				1										6-3/8			123	
C	INT B		C03J1		1-01 *							1			8-5/8			124	
C	INT B		F03K2		1-02 *													124	
C	INT B				1										8-5/8			124	
C	INT ENB A		D03M1		1-01 *							1			6-5/8			125	
C	INT ENB A		F03V1		1-02 *													125	
C	INT ENB A				1										6-5/8			125	
C	INT ENB B		C03L1		1-01 *							1			8-1/8			126	
C	INT ENB B		F03H2		1-02 *													126	
C	INT ENB B				1										8-1/8			126	
C	OUT HIGP		D03K1		1-01 *							1			3-3/8			127	
C	OUT HIGP		E03M2		1-02 *													127	
C	OUT HIGP				1										3-3/8			127	
C	OUT LOW		D03D1		1-01 *							1			4			128	
C	OUT LOW		E03N1		1-02 *													128	
C	OUT LOW				1										4-0/8			128	
C	SEL 0		D03F1		1-01 *							1			4-1/8			129	
C	SEL 0		E03S2		1-02 *													129	
C	SEL 0				1										4-1/8			129	
C	SEL 4		D03E1		1-01 *							1			4-3/8			130	
C	SEL 4		E03R2		1-02 *													130	
C	SEL 4				1										4-3/8			130	
C	SEL 6		D03C1		1-01 *							1			4-4/8			131	
C	SEL 6		E03S1		1-02 *													131	
C	SEL 6				1										4-4/8			131	
C	SER 2		D03J1		1-01 *							1			4-1/8			132	
C	SER 2		E03T2		1-02 *													132	
C	SER 2				1										4-1/8			132	
C	SSYN IN H		D03V1		1-01 *							1			1			133	
C	SSYN IN H		E03B1		1-02 *													133	
C	SSYN IN H				1										1-0/8			133	

DD110,B		WRAPD ,V35(102)=1		03-JUN=77										7-JUL=78		9:00		PAGE 33			
RUN NAME		A/P	PIN	ORDER	BAY =	Q	DRAW	RV	RG	Y	X	Z	REMARKS			NC	LENGTH	EXCEPTIONS	RUN		
			NAME	PIN	ORDER		OPT									FLAG			NUMBER		
C0	L		B01U2		1-01 *							1				1				134	
C0	L		B02U2		1-02 *							2				1				134	
C0	L		B03U2		1-03 *							1				1				134	
C0	L		B04U2		1-04 *							2				1				134	
C0	L		B05U2		1-05 *							1				1				134	
C0	L		B06U2		1-06 *							2				1				134	
C0	L		B07U2		1-07 *							1				1				134	
C0	L		B08U2		1-08 *							2				1				134	
C0	L		B09U2		1-09 *							1				7-1/8				134	
C0	L		E09J2		1-10 *	P						1				1				134	
C0	L		E08J2		1-11 *	P						2				1				134	
C0	L		E07J2		1-12 *	P						1				1				134	
C0	L		E06J2		1-13 *	P						2				1				134	
C0	L		E05J2		1-14 *	P						1				1				134	
C0	L		E04J2		1-15 *	P						2				1				134	
C0	L		E03J2		1-16 *	P						1				1				134	
C0	L		E02J2		1-17 *	P						2				1				134	
C0	L		E01J2		1-18 *															134	
C0	L				1											23-1/8				134	
C1	L		B01T2		1-01 *							2				1				135	
C1	L		B02T2		1-02 *							1				1				135	
C1	L		B03T2		1-03 *							2				1				135	
C1	L		B04T2		1-04 *							1				1				135	
C1	L		B05T2		1-05 *							2				1				135	
C1	L		B06T2		1-06 *							1				1				135	
C1	L		B07T2		1-07 *							2				1				135	
C1	L		B08T2		1-08 *							1				1				135	
C1	L		B09T2		1-09 *							2				7				135	
C1	L		E09F2		1-10 *	P						2				1				135	
C1	L		E08F2		1-11 *	P						1				1				135	
C1	L		E07F2		1-12 *	P						2				1				135	
C1	L		E06F2		1-13 *	P						1				1				135	
C1	L		E05F2		1-14 *	P						2				1				135	
C1	L		E04F2		1-15 *	P						1				1				135	
C1	L		E03F2		1-16 *	P						2				1				135	
C1	L		E02F2		1-17 *	P						1				1				135	
C1	L		E01F2		1-18 *															135	
C1	L				1											23-0/8				135	
D	BG IN		D04U2		1-01 *							1				3-7/8				136	
D	BG IN		F04B1		1-02 *															136	
D	BG IN				1											3-7/8				136	
D	BG OUT		D04V2		1-01 *							1				3-7/8				137	
D	BG OUT		F04A1		1-02 *															137	
D	BG OUT				1											3-7/8				137	
D	BR OUT		D04J2		1-01 *							1				6-5/8				138	
D	BR OUT		F04P1		1-02 *							2				1				138	
D	BR OUT		F04U2		1-03 *															138	
D	BR OUT				1											7-5/8				138	
D	IN		D04H1		1-01 *							1				3-4/8				139	
D	IN		E04M1		1-02 *															139	
D	IN				1											3-4/8				139	

DD11D,B		WRAPD ,V35(102)=1 03-JUN-77										7-JUL-78		9100		PAGE 34			
RUN NAME		A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS	RUN NUMBER		
D	INT A		D04N1		1-01 *							1			6-3/8			140	
D	INT A		F04U1		1-02 *													140	
D	INT A				1										6-3/8			140	
D	INT B		C04J1		1-01 *							1			8-5/8			141	
D	INT B		F04K2		1-02 *													141	
D	INT B				1										8-5/8			141	
D	INT ENB A		D04M1		1-01 *							1			6-5/8			142	
D	INT ENB A		F04V1		1-02 *													142	
D	INT ENB A				1										6-5/8			142	
D	INT ENB B		C04H1		1-01 *							1			8-1/8			143	
D	INT ENB B		F04H2		1-02 *													143	
D	INT ENB B				1										8-1/8			143	
D	OUT HIGP		D04K1		1-01 *							1			3-3/8			144	
D	OUT HIGP		E04M2		1-02 *													144	
D	OUT HIGP				1										3-3/8			144	
D	OUT LOW		D04D1		1-01 *							1			4			145	
D	OUT LOW		E04N1		1-02 *													145	
D	OUT LOW				1										4-0/8			145	
D	SEL 0		D04F1		1-01 *							1			4-1/8			146	
D	SEL 0		E04S2		1-02 *													146	
D	SEL 0				1										4-1/8			146	
D	SEL 4		D04E1		1-01 *							1			4-3/8			147	
D	SEL 4		E04R2		1-02 *													147	
D	SEL 4				1										4-3/8			147	
D	SEL 6		D04C1		1-01 *							1			4-4/8			148	
D	SEL 6		E04S1		1-02 *													148	
D	SEL 6				1										4-4/8			148	
D	SER 2		D04J1		1-01 *							1			4-1/8			149	
D	SER 2		E04T2		1-02 *													149	
D	SER 2				1										4-1/8			149	
D	SSYN IN H		D04V1		1-01 *							1			1			150	
D	SSYN IN H		E04B1		1-02 *													150	
D	SSYN IN H				1										1-0/8			150	

DDI1D.B RUN NAME	WRAPD .V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN ORDER	BAY = Q ORDER	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 35 EXCEPTIONS	RUN NUMBER
DC L	B01F2	1-01 *	P				2			1		151
DC L	B02F2	1-02 *	P				1			1		151
DC L	B03F2	1-03 *	P				2			1		151
DC L	B04F2	1-04 *					1			1		151
DC L	B05F2	1-05 *	P				1			1		151
DC L	B06F2	1-06 *	P				2			1		151
DC L	B07F2	1-07 *	P				1			1		151
DC L	B08F2	1-08 *	P				2			1		151
DC L	B09F2	1-09 *					1			3-7/8		151
DC L	C09N1	1-10 *	P				2			1		151
DC L	C08N1	1-11 *	P				1			1		151
DC L	C07N1	1-12 *	P				2			1		151
DC L	C06N1	1-13 *	P				1			1		151
DC L	C05N1	1-14 *	P				2			1		151
DC L	C04N1	1-15 *	P				1			1		151
DC L	C03N1	1-16 *	P				2			1		151
DC L	C02N1	1-17 *	P				1			1		151
DC L	C01N1	1-18 *										151
DC L		1								19-7/8		151
E BG IN	D05U2	1-01 *					1			3-7/8		152
E BG IN	F05B1	1-02 *										152
E BG IN		1								3-7/8		152
E BG OUT	D05V2	1-01 *					1			3-7/8		153
E BG OUT	F05A1	1-02 *										153
E BG OUT		1								3-7/8		153
E BR OUT	D05J2	1-01 *					1			6-5/8		154
E BR OUT	F05P1	1-02 *					2			1		154
E BR OUT	F05U2	1-03 *										154
E BR OUT		1								7-5/8		154
E IN	D05H1	1-01 *					1			3-4/8		155
E IN	E05M1	1-02 *										155
E IN		1								3-4/8		155
E INT A	D05N1	1-01 *					1			6-3/8		156
E INT A	F05U1	1-02 *										156
E INT A		1								6-3/8		156
E INT B	C05J1	1-01 *					1			8-5/8		157
E INT B	F05K2	1-02 *										157
E INT B		1								8-5/8		157
E INT ENB A	D05M1	1-01 *					1			6-5/8		158
E INT ENB A	F05V1	1-02 *										158
E INT ENB A		1								6-5/8		158
E INT ENB B	C05L1	1-01 *					1			8-1/8		159
E INT ENB B	F05H2	1-02 *										159
E INT ENB B		1								8-1/8		159
E OUT HIGP	D05K1	1-01 *					1			3-3/8		160
E OUT HIGP	E05M2	1-02 *										160
E OUT HIGP		1								3-3/8		160



DD11D,b RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN ORDER	BAY = Q DRAW RV RG Y X Z OPT	REMARKS	7-JUL-78	9:00 NC LENGTH FLAG	PAGE 36 EXCEPTIONS	RUN NUMBER
E OUT LOW	D05D1	1-01 *				4		161
E OUT LOW	E05N1	1-02 *						161
E OUT LOW		1				4-0/8		161
E SEL 0	D05F1	1-01 *				4-1/8		162
E SEL 0	E05S2	1-02 *						162
E SEL 0		1				4-1/8		162
E SEL 4	D05E1	1-01 *				4-3/8		163
E SEL 4	E05R2	1-02 *						163
E SEL 4		1				4-3/8		163
E SEL 6	D05C1	1-01 *				4-4/8		164
E SEL 6	E05S1	1-02 *						164
E SEL 6		1				4-4/8		164
E SER 2	D05J1	1-01 *				4-1/8		165
E SER 2	E05T2	1-02 *						165
E SER 2		1				4-1/8		165
E SSYN IN H	D05V1	1-01 *				1		166
E SSYN IN H	E05B1	1-02 *						166
E SSYN IN H		1				1-0/8		166
F BG IN	D06U2	1-01 *				3-7/8		167
F BG IN	F06B1	1-02 *						167
F BG IN		1				3-7/8		167
F BG OUT	D06V2	1-01 *				3-7/8		168
F BG OUT	F06A1	1-02 *						168
F BG OUT		1				3-7/8		168
F BR OUT	D06J2	1-01 *				6-5/8		169
F BR OUT	F06P1	1-02 *				1		169
F BR OUT	F06U2	1-03 *						169
F BR OUT		1				7-5/8		169
F IN	D06H1	1-01 *				3-4/8		170
F IN	E06M1	1-02 *						170
F IN		1				3-4/8		170
F INT A	D06N1	1-01 *				6-3/8		171
F INT A	F06U1	1-02 *						171
F INT A		1				6-3/8		171
F INT B	C06J1	1-01 *				8-5/8		172
F INT B	F06K2	1-02 *						172
F INT B		1				8-5/8		172
F INT ENB A	D06M1	1-01 *				6-5/8		173
F INT ENB A	F06V1	1-02 *						173
F INT ENB A		1				6-5/8		173

DD11D,B RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 37 EXCEPTIONS	RUN NUMBER
F INT FNB B	C06L1		1-01 *					1			0-1/8		174
F INT ENB B	F06H2		1-02 *										174
F INT ENB B			1								0-1/8		174
F OUT HIGP	D06K1		1-01 *					1			3-3/8		175
F OUT HIGP	E06M2		1-02 *										175
F OUT HIGP			1								3-3/8		175
F OUT LOW	D06N1		1-01 *					1			4		176
F OUT LOW	E06N1		1-02 *										176
F OUT LOW			1								4-0/8		176
F SEL 0	D06F1		1-01 *					1			4-1/8		177
F SEL 0	E06S2		1-02 *										177
F SEL 0			1								4-1/8		177
F SEL 4	D06E1		1-01 *					1			4-3/8		178
F SEL 4	E06R2		1-02 *										178
F SEL 4			1								4-3/8		178
F SEL 6	D06C1		1-01 *					1			4-4/8		179
F SEL 6	E06S1		1-02 *										179
F SEL 6			1								4-4/8		179
F SER 2	D06J1		1-01 *					1			4-1/8		180
F SER 2	E06T2		1-02 *										180
F SER 2			1								4-1/8		180
F SSYN IN H	D06V1		1-01 *					1			1		181
F SSYN IN H	E06B1		1-02 *										181
F SSYN IN H			1								1-0/8		181
F01D2	F01D2		1-01 *					2			1-6/8		182
F01D2	F01R2		1-02 *					1			0-4/8		182
F01D2	F01N1		1-03 *										182
F01D2			1								2-2/8		182
F01E1	F01F1		1-01 *					1			2-3/8		183
F01E1	F01V2		1-02 *										183
F01E1			1								2-3/8		183
F01L2	F01L2		1-01 *					1			1		184
F01L2	F01R1		1-02 *										184
F01L2			1								1-0/8		184
F01M2	F01M2		1-01 *					1			1		185
F01M2	F01S1		1-02 *										185
F01M2			1								1-0/8		185
F01P2	F01P2		1-01 *					1			0-4/8		186
F01P2	F01S2		1-02 *										186
F01P2			1								0-4/8		186

DD11D,B RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN BAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 38 EXCEPTIONS	RUN NUMBER
F02D2	F02D2	1-01 *					2			1-6/8		187
F02D2	F02R2	1-02 *					1			0-4/8		187
F02D2	F02N1	1-03 *										187
F02D2		1								2-2/8		187
F02E1	F02E1	1-01 *					1			2-3/8		188
F02E1	F02V2	1-02 *										188
F02E1		1								2-3/8		188
F02L2	F02L2	1-01 *					1			1		189
F02L2	F02R1	1-02 *										189
F02L2		1								1-0/8		189
F02M2	F02M2	1-01 *					1			1		190
F02M2	F02S1	1-02 *										190
F02M2		1								1-0/8		190
F02P2	F02P2	1-01 *					1			0-4/8		191
F02P2	F02S2	1-02 *										191
F02P2		1								0-4/8		191
F03D2	F03D2	1-01 *					2			1-6/8		192
F03D2	F03R2	1-02 *					1			0-4/8		192
F03D2	F03N1	1-03 *										192
F03D2		1								2-2/8		192
F03E1	F03E1	1-01 *					1			2-3/8		193
F03E1	F03V2	1-02 *										193
F03E1		1								2-3/8		193
F03L2	F03L2	1-01 *					1			1		194
F03L2	F03R1	1-02 *										194
F03L2		1								1-0/8		194
F03M2	F03M2	1-01 *					1			1		195
F03M2	F03S1	1-02 *										195
F03M2		1								1-0/8		195
F03P2	F03P2	1-01 *					1			0-4/8		196
F03P2	F03S2	1-02 *										196
F03P2		1								0-4/8		196
F04D2	F04D2	1-01 *					2			1-6/8		197
F04D2	F04R2	1-02 *					1			0-4/8		197
F04D2	F04N1	1-03 *										197
F04D2		1								2-2/8		197
F04E1	F04E1	1-01 *					1			2-3/8		198
F04E1	F04V2	1-02 *										198
F04E1		1								2-3/8		198
F04L2	F04L2	1-01 *					1			1		199
F04L2	F04R1	1-02 *										199
F04L2		1								1-0/8		199

DD110,B RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN ORDER	BAY = G	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL-70	9100 NC LENGTH FLAG	PAGE 39 EXCEPTIONS	RUN NUMBER
F04M2	F04M2	1-01 *					1			1		200
F04M2	F04S1	1-02 *										200
F04M2		1								1-0/8		200
F04P2	F04P2	1-01 *					1			0-4/8		201
F04P2	F04S2	1-02 *										201
F04P2		1								0-4/8		201
F05D2	F05D2	1-01 *					2			1-6/8		202
F05D2	F05R2	1-02 *					1			0-4/8		202
F05D2	F05N1	1-03 *										202
F05D2		1								2-2/8		202
F05L1	F05E1	1-01 *					1			2-3/8		203
F05E1	F05V2	1-02 *										203
F05L1		1								2-3/8		203
F05L2	F05L2	1-01 *					1			1		204
F05L2	F05R1	1-02 *										204
F05L2		1								1-0/8		204
F05M2	F05M2	1-01 *					1			1		205
F05M2	F05S1	1-02 *										205
F05M2		1								1-0/8		205
F05P2	F05P2	1-01 *					1			0-4/8		206
F05P2	F05S2	1-02 *										206
F05P2		1								0-4/8		206
F06D2	F06D2	1-01 *					2			1-6/8		207
F06D2	F06R2	1-02 *					1			0-4/8		207
F06D2	F06N1	1-03 *										207
F06D2		1								2-2/8		207
F06E1	F06E1	1-01 *					1			2-3/8		208
F06E1	F06V2	1-02 *										208
F06E1		1								2-3/8		208
F06L2	F06L2	1-01 *					1			1		209
F06L2	F06R1	1-02 *										209
F06L2		1								1-0/8		209
F06M2	F06M2	1-01 *					1			1		210
F06M2	F06S1	1-02 *										210
F06M2		1								1-0/8		210
F06P2	F06P2	1-01 *					1			0-4/8		211
F06P2	F06S2	1-02 *										211
F06P2		1								0-4/8		211
F07D2	F07D2	1-01 *					2			1-6/8		212
F07D2	F07R2	1-02 *					1			0-4/8		212
F07D2	F07N1	1-03 *										212
F07D2		1								2-2/8		212

DD110,B RUN NAME	WRAPD ,V35(102)-1		03-JUN-77												7-JUL-70	9100	PAGE 40		RUN
	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS		NC LENGTH FLAG	EXCEPTIONS	NUMBER			
F07E1		F07E1		1-01 *							1				2-3/8		213		
F07E1		F07V2		1-02 *													213		
F07E1				1											2-3/8		213		
F07L2		F07L2		1-01 *							1				1		214		
F07L2		F07R1		1-02 *													214		
F07L2				1											1-0/8		214		
F07M2		F07M2		1-01 *							1				1		215		
F07M2		F07S1		1-02 *													215		
F07M2				1											1-0/8		215		
F07P2		F07P2		1-01 *							1				0-4/8		216		
F07P2		F07S2		1-02 *													216		
F07P2				1											0-4/8		216		
F08D2		F08D2		1-01 *							2				1-6/8		217		
F08D2		F08R2		1-02 *							1				0-4/8		217		
F08D2		F08N1		1-03 *													217		
F08D2				1											2-2/8		217		
F08E1		F08E1		1-01 *							1				2-3/8		218		
F08E1		F08V2		1-02 *													218		
F08E1				1											2-3/8		218		
F08L2		F08L2		1-01 *							1				1		219		
F08L2		F08R1		1-02 *													219		
F08L2				1											1-0/8		219		
F08M2		F08M2		1-01 *							1				1		220		
F08M2		F08S1		1-02 *													220		
F08M2				1											1-0/8		220		
F08P2		F08P2		1-01 *							1				0-4/8		221		
F08P2		F08S2		1-02 *													221		
F08P2				1											0-4/8		221		
F09D2		F09D2		1-01 *							2				1-6/8		222		
F09D2		F09R2		1-02 *							1				0-4/8		222		
F09D2		F09N1		1-03 *													222		
F09D2				1											2-2/8		222		
F09E1		F09E1		1-01 *							1				2-3/8		223		
F09E1		F09V2		1-02 *													223		
F09E1				1											2-3/8		223		
F09L2		F09L2		1-01 *							1				1		224		
F09L2		F09R1		1-02 *													224		
F09L2				1											1-0/8		224		
F09M2		F09M2		1-01 *							1				1		225		
F09M2		F09S1		1-02 *													225		
F09M2				1											1-0/8		225		

DD110,B RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN=77 ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL=78	9100 NC LENGTH FLAG	PAGE 41 EXCEPTIONS	RUN NUMBER
F09P2	F09P2		1-01 *					1			0-4/8		226
F09P2	F09S2		1-02 *										226
F09P2			1								0-4/8		226
GND (01)	A01C2		1-01 *	P				1			1		227
GND (01)	A02C2		1-02 *	P				2			1		227
GND (01)	A03C2		1-03 *	P				1			1		227
GND (01)	A04C2		1-04 *	P				2			1		227
GND (01)	A05C2		1-05 *	P				1			1		227
GND (01)	A06C2		1-06 *	P				2			1		227
GND (01)	A07C2		1-07 *	P				1			1		227
GND (01)	A08C2		1-08 *	P				2			1		227
GND (01)	A09C2		1-09 *	P				1			2-1/8		227
GND (01)	A09T1		1-10 *	P				2			1		227
GND (01)	A08T1		1-11 *	P				1			1		227
GND (01)	A07T1		1-12 *	P				2			1		227
GND (01)	A06T1		1-13 *	P				1			1		227
GND (01)	A05T1		1-14 *	P				2			1		227
GND (01)	A04T1		1-15 *	P				1			1		227
GND (01)	A03T1		1-16 *	P				2			1		227
GND (01)	A02T1		1-17 *	P				1			1		227
GND (01)	A01T1		1-18 *	P				2			1-5/8		227
GND (01)	B01C2		1-19 *	P				1			1		227
GND (01)	B02C2		1-20 *	P				2			1		227
GND (01)	B03C2		1-21 *	P				1			1		227
GND (01)	B04C2		1-22 *	P				2			1		227
GND (01)	B05C2		1-23 *	P				1			1		227
GND (01)	B06C2		1-24 *	P				2			1		227
GND (01)	B07C2		1-25 *	P				1			1		227
GND (01)	B08C2		1-26 *	P				2			1		227
GND (01)	B09C2		1-27 *	P				1			2-1/8		227
GND (01)	B09T1		1-28 *	P				2			1		227
GND (01)	B08T1		1-29 *	P				1			1		227
GND (01)	B07T1		1-30 *	P				2			1		227
GND (01)	B06T1		1-31 *	P				1			1		227
GND (01)	B05T1		1-32 *	P				2			1		227
GND (01)	B04T1		1-33 *	P				1			1		227
GND (01)	B03T1		1-34 *	P				2			1		227
GND (01)	B02T1		1-35 *	P				1			1		227
GND (01)	B01T1		1-36 *	P				2			1-3/8		227
GND (01)	C01C2		1-37 *	P				1			1		227
GND (01)	C02C2		1-38 *	P				2			1		227
GND (01)	C03C2		1-39 *	P				1			1		227
GND (01)	C04C2		1-40 *	P				2			1		227
GND (01)	C05C2		1-41 *	P				1			1		227
GND (01)	C06C2		1-42 *	P				2			1		227
GND (01)	C07C2		1-43 *	P				1			1		227
GND (01)	C08C2		1-44 *	P				2			1		227
GND (01)	C09C2		1-45 *	P				1			2-1/8		227
GND (01)	C09T1		1-46 *	P				2			1		227
GND (01)	C08T1		1-47 *	P				1			1		227
GND (01)	C07T1		1-48 *	P				2			1		227
GND (01)	C06T1		1-49 *	P				1			1		227
GND (01)	C05T1		1-50 *	P				2			1		227
GND (01)	C04T1		1-51 *	P				1			1		227
GND (01)	C03T1		1-52 *	P				2			1		227

DD110,B		WRAPD ,V35(102)=1		03-JUN-77								7-JUL-78		9100		PAGE 42			
RUN	NAME	A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH	EXCEPTIONS	RUN		
							OPT										NUMBER		
GND (01)			C02T1		1-53 *	P						1			1		227		
GND (01)			C01T1		1-54 *	X											227		
GND (01)					1										57-3/8		227		
GND (02)			D01C2		1-01 *	P						1			1		228		
GND (02)			D02C2		1-02 *	P						2			1		228		
GND (02)			D03C2		1-03 *	P						1			1		228		
GND (02)			D04C2		1-04 *	P						2			1		228		
GND (02)			D05C2		1-05 *	P						1			1		228		
GND (02)			D06C2		1-06 *	P						2			1		228		
GND (02)			D07C2		1-07 *	P						1			1		228		
GND (02)			D08C2		1-08 *	P						2			1		228		
GND (02)			D09C2		1-09 *	P						1			2-1/8		228		
GND (02)			D09T1		1-10 *	P						2			1		228		
GND (02)			D08T1		1-11 *	P						1			1		228		
GND (02)			D07T1		1-12 *	P						2			1		228		
GND (02)			D06T1		1-13 *	P						1			1		228		
GND (02)			D05T1		1-14 *	P						2			1		228		
GND (02)			D04T1		1-15 *	P						1			1		228		
GND (02)			D03T1		1-16 *	P						2			1		228		
GND (02)			D02T1		1-17 *	P						1			1		228		
GND (02)			D01T1		1-18 *	P						2			1-3/8		228		
GND (02)			E01C2		1-19 *	P						1			1		228		
GND (02)			E02C2		1-20 *	P						2			1		228		
GND (02)			E03C2		1-21 *	P						1			1		228		
GND (02)			E04C2		1-22 *	P						2			1		228		
GND (02)			E05C2		1-23 *	P						1			1		228		
GND (02)			E06C2		1-24 *	P						2			1		228		
GND (02)			E07C2		1-25 *	P						1			1		228		
GND (02)			E08C2		1-26 *	P						2			1		228		
GND (02)			E09C2		1-27 *	P						1			2-1/8		228		
GND (02)			E09T1		1-28 *	P						2			1		228		
GND (02)			E08T1		1-29 *	P						1			1		229		
GND (02)			E07T1		1-30 *	P						2			1		228		
GND (02)			E06T1		1-31 *	P						1			1		228		
GND (02)			E05T1		1-32 *	P						2			1		228		
GND (02)			E04T1		1-33 *	P						1			1		228		
GND (02)			E03T1		1-34 *	P						2			1		228		
GND (02)			E02T1		1-35 *	P						1			1		228		
GND (02)			E01T1		1-36 *	P						2			1-5/8		228		
GND (02)			F01C2		1-37 *	P						1			1		228		
GND (02)			F02C2		1-38 *	P						2			1		228		
GND (02)			F03C2		1-39 *	P						1			1		228		
GND (02)			F04C2		1-40 *	P						2			1		228		
GND (02)			F05C2		1-41 *	P						1			1		228		
GND (02)			F06C2		1-42 *	P						2			1		228		
GND (02)			F07C2		1-43 *	P						1			1		228		
GND (02)			F08C2		1-44 *	P						2			1		228		
GND (02)			F09C2		1-45 *	P						1			2-1/8		228		
GND (02)			F09T1		1-46 *	P						2			1		228		
GND (02)			F08T1		1-47 *	P						1			1		228		
GND (02)			F07T1		1-48 *	P						2			1		228		
GND (02)			F06T1		1-49 *	P						1			1		228		
GND (02)			F05T1		1-50 *	P						2			1		228		
GND (02)			F04T1		1-51 *	P						1			1		228		
GND (02)			F03T1		1-52 *	P						2			1		228		

DD110.B RUN NAME		WRAPD ,V35(102)=1		03-JUN-77		7-JUL-78		9100		PAGE 43		RUN	
A/P	PIN NAME	ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV	RG Y	X	Z	REMARKS	NC LENGTH FLAG	EXCEPTIONS	RUN NUMBER
GND (02)	F02T1		1-53 *	P					1		1		228
GND (02)	F01T1		1-54 *	X									228
GND (02)			1								57-3/8		228
GND (03)	B09V2		1-01 *	P					2		2-3/8		229
GND (03)	B09E1		1-02 *	P					1		0-1/8		229
GND (03)	B09D1		1-03 *	P					2		0-4/8		229
GND (03)	B09B2		1-04 *	P					1		1-2/8		229
GND (03)	A09V2		1-05 *	P					2		0-5/8		229
GND (03)	A09S1		1-06 *	F					1		0-1/8		229
GND (03)	A09R1		1-07 *	P					2		0-1/8		229
GND (03)	A09P1		1-08 *	P					1		0-1/8		229
GND (03)	A09N1		1-09 *	P					2		1-7/8		229
GND (03)	A09B2		1-10 *	P					1		4-4/8		229
GND (03)	A01B2		1-11 *	P					2		1-7/8		229
GND (03)	A01N1		1-12 *	P					1		0-1/8		229
GND (03)	A01P1		1-13 *	P					2		0-1/8		229
GND (03)	A01R1		1-14 *	P					1		0-1/8		229
GND (03)	A01S1		1-15 *	P					2		0-5/8		229
GND (03)	A01V2		1-16 *	P					1		1-2/8		229
GND (03)	B01B2		1-17 *	P					2		0-4/8		229
GND (03)	B01D1		1-18 *	P					1		0-1/8		229
GND (03)	B01E1		1-19 *	P					2		2-3/8		229
GND (03)	B01V2		1-20 *	P					1		6-3/8		229
GND (03)	E01A1		1-21 *	P					2		1		229
GND (03)	E02A1		1-22 *	P					1		1		229
GND (03)	E03A1		1-23 *	P					2		1		229
GND (03)	E04A1		1-24 *	P					1		1		229
GND (03)	E05A1		1-25 *	P					2		1		229
GND (03)	E06A1		1-26 *	P					1		1		229
GND (03)	E07A1		1-27 *	P					2		1		229
GND (03)	E08A1		1-28 *	P					1		1		229
GND (03)	E09A1		1-29 *	P					2		4-3/8		229
GND (03)	F09J2		1-30 *	P					1		1		229
GND (03)	F08J2		1-31 *	P					2		1		229
GND (03)	F07J2		1-32 *	P					1		1		229
GND (03)	F06J2		1-33 *	P					2		1		229
GND (03)	F05J2		1-34 *	P					1		1		229
GND (03)	F04J2		1-35 *	P					2		1		229
GND (03)	F03J2		1-36 *	P					1		1		229
GND (03)	F02J2		1-37 *	P					2		1		229
GND (03)	F01J2		1-38 *	X									229
GND (03)			1								45-4/8		229
H BG IN	D07U2		1-01 *						1		3-7/8		230
H BG IN	F07B1		1-02 *										230
H BG IN			1								3-7/8		230
H BG OUT	D07V2		1-01 *						1		3-7/8		231
H BG OUT	F07A1		1-02 *										231
H BG OUT			1								3-7/8		231
H BR OUT	D07J2		1-01 *						1		6-5/8		232
H BR OUT	F07P1		1-02 *						2		1		232
H BR OUT	F07U2		1-03 *										232
H BR OUT			1								7-5/8		232



DD110,B RUN NAME	WRAPD .V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN ORDER	BAY = Q DRAW RV RG Y OPT	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 44 EXCEPTIONS	RUN NUMBER
H IN	D07H1	1-01 *			1			3-4/8		233
H IN	E07M1	1-02 *								233
H IN		1						3-4/8		233
H INT A	D07N1	1-01 *			1			6-3/8		234
H INT A	F07U1	1-02 *								234
H INT A		1						6-3/8		234
H INT B	C07J1	1-01 *			1			8-5/8		235
H INT B	F07K2	1-02 *								235
H INT B		1						8-5/8		235
H INT ENB A	D07M1	1-01 *			1			6-5/8		236
H INT ENB A	F07V1	1-02 *								236
H INT ENB A		1						6-5/8		236
H INT ENB B	C07L1	1-01 *			1			8-1/8		237
H INT ENB B	F07H2	1-02 *								237
H INT ENB B		1						8-1/8		237
H OUT HIGP	D07K1	1-01 *			1			3-3/8		238
H OUT HIGP	E07M2	1-02 *								238
H OUT HIGP		1						3-3/8		238
H OUT LOW	D07D1	1-01 *			1			4		239
H OUT LOW	E07N1	1-02 *								239
H OUT LOW		1						4-0/8		239
H SEL 0	D07F1	1-01 *			1			4-1/8		240
H SEL 0	E07S2	1-02 *								240
H SEL 0		1						4-1/8		240
H SEL 4	D07E1	1-01 *			1			4-3/8		241
H SEL 4	E07R2	1-02 *								241
H SEL 4		1						4-3/8		241
H SEL 6	D07C1	1-01 *			1			4-4/8		242
H SEL 6	E07S1	1-02 *								242
H SEL 6		1						4-4/8		242
H SER 2	D07J1	1-01 *			1			4-1/8		243
H SER 2	E07T2	1-02 *								243
H SER 2		1						4-1/8		243
H SSYN IN H	D07V1	1-01 *			1			1		244
H SSYN IN H	E07B1	1-02 *								244
H SSYN IN H		1						1-0/8		244

DD11D,R RUN NAME	WRAPD .V35(102)=1 A/P PIN NAME	03-JUN=77 ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL=78	9100 NC LENGTH FLAG	PAGE 45 EXCEPTIONS	RUN NUMBER
HALT GRANT	C01R1		1-01 *	P				2			1		245
HALT GRANT	C02R1		1-02 *	P				1			1		245
HALT GRANT	C03R1		1-03 *	P				2			1		245
HALT GRANT	C04R1		1-04 *	P				1			1		245
HALT GRANT	C05R1		1-05 *	P				2			1		245
HALT GRANT	C06R1		1-06 *	P				1			1		245
HALT GRANT	C07R1		1-07 *	P				2			1		245
HALT GRANT	C08R1		1-08 *	P				1			1		245
HALT GRANT	C09R1		1-09 *	X									245
HALT GRANT			1								8-0/8		245
HALT REQ	C01P1		1-01 *	P				2			1		246
HALT REQ	C02P1		1-02 *	P				1			1		246
HALT REQ	C03P1		1-03 *	P				2			1		246
HALT REQ	C04P1		1-04 *	P				1			1		246
HALT REQ	C05P1		1-05 *	P				2			1		246
HALT REQ	C06P1		1-06 *	P				1			1		246
HALT REQ	C07P1		1-07 *	P				2			1		246
HALT REQ	C08P1		1-08 *	P				1			1		246
HALT REQ	C09P1		1-09 *	X									246
HALT REQ			1								8-0/8		246
INIT L	A01A1		1-01 *	P				1			1		247
INIT L	A02A1		1-02 *	P				2			1		247
INIT L	A03A1		1-03 *	P				1			1		247
INIT L	A04A1		1-04 *					2			1		247
INIT L	A05A1		1-05 *	P				2			1		247
INIT L	A06A1		1-06 *	P				1			1		247
INIT L	A07A1		1-07 *	P				2			1		247
INIT L	A08A1		1-08 *	P				1			1		247
INIT L	A09A1		1-09 *	H				2	TW PR		9-5/8		247
INIT L	D09L1		1-10 *	P				1			1		247
INIT L	D08L1		1-11 *	P				2			1		247
INIT L	D07L1		1-12 *	P				1			1		247
INIT L	D06L1		1-13 *	P				2			1		247
INIT L	D05L1		1-14 *	P				1			1		247
INIT L	D04L1		1-15 *	P				2			1		247
INIT L	D03L1		1-16 *	P				1			1		247
INIT L	D02L1		1-17 *	P				2			1		247
INIT L	D01L1		1-18 *										247
INIT L			1								25-5/8		247
INT SSYN	B02E1		1-01 *	P				2			1		248
INT SSYN	B03E1		1-02 *	P				1			1		248
INT SSYN	B04E1		1-03 *	P				2			1		248
INT SSYN	B05E1		1-04 *	P				1			1		248
INT SSYN	B06E1		1-05 *	P				2			1		248
INT SSYN	B07E1		1-06 *	P				1			1		248
INT SSYN	B08E1		1-07 *	X									248
INT SSYN			1								6-0/8		248

DD110,B RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 46 EXCEPTIONS	RUN NUMBER
INTR L	A09B1		1-01 *	P				1			1		249
INTR L	A08B1		1-02 *	P				2			1		249
INTR L	A07B1		1-03 *	P				1			1		249
INTR L	A06B1		1-04 *	P				2			1		249
INTR L	A05B1		1-05 *					1			1		249
INTR L	A04B1		1-06 *	P				1			1-4/8		249
INTR L	A02B1		1-07 *	P				1			1		249
INTR L	A01B1		1-08 *	P				2			1-4/8		249
INTR L	A03B1		1-09 *					2			14-7/8		249
INTR L	F03M1		1-10 *	P				2			1-4/8		249
INTR L	F01M1		1-11 *	P				2			1		249
INTR L	F02M1		1-12 *	P				1			1-4/8		249
INTR L	F04M1		1-13 *					1			1		249
INTR L	F05M1		1-14 *	P				2			1		249
INTR L	F06M1		1-15 *	P				1			1		249
INTR L	F07M1		1-16 *	P				2			1		249
INTR L	F08M1		1-17 *	P				1			1		249
INTR L	F09M1		1-18 *										249
INTR L			1								32-7/8		249
J A IN	D08H1		1-01 *					1			3-4/8		250
J A IN	E08M1		1-02 *										250
J A IN			1								3-4/8		250
J BG IN	D08U2		1-01 *					1			3-7/8		251
J BG IN	F08B1		1-02 *										251
J BG IN			1								3-7/8		251
J BG OUT	D08V2		1-01 *					1			3-7/8		252
J BG OUT	F08A1		1-02 *										252
J BG OUT			1								3-7/8		252
J BR OUT	D08J2		1-01 *					1			6-5/8		253
J BR OUT	F08P1		1-02 *					2			1		253
J BR OUT	F08U2		1-03 *										253
J BR OUT			1								7-5/8		253
J INT A	D08N1		1-01 *					1			6-3/8		254
J INT A	F08U1		1-02 *										254
J INT A			1								6-3/8		254
J INT B	C08J1		1-01 *					1			8-5/8		255
J INT B	F08K2		1-02 *										255
J INT B			1								8-5/8		255
J INT ENB A	D08M1		1-01 *					1			6-5/8		256
J INT ENB A	F08V1		1-02 *										256
J INT ENB A			1								6-5/8		256
J INT ENB B	C08L1		1-01 *					1			8-1/8		257
J INT ENB B	F08H2		1-02 *										257
J INT ENB B			1								8-1/8		257
J OUT HIGP	D08K1		1-01 *					1			3-3/8		258
J OUT HIGP	E08M2		1-02 *										258
J OUT HIGP			1								3-3/8		258

DD11D,B RUN NAME	WRAPD ,V35(102)=1 A/P PIN NAME	03-JUN-77 ORDER PIN	BAY - ORDER	Q	DRAW	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 47 EXCEPTIONS	RUN NUMBER
J OUT LOW	D08D1		1-01 *					1			4		259
J OUT LOW	E08N1		1-02 *										259
J OUT LOW			1								4-0/8		259
J SEL 0	D08F1		1-01 *					1			4-1/8		260
J SEL 0	E08S2		1-02 *										260
J SEL 0			1								4-1/8		260
J SEL 4	D08E1		1-01 *					1			4-3/8		261
J SEL 4	E08R2		1-02 *										261
J SEL 4			1								4-3/8		261
J SEL 6	D08C1		1-01 *					1			4-4/8		262
J SEL 6	E08S1		1-02 *										262
J SEL 6			1								4-4/8		262
J SER 2	D08J1		1-01 *					1			4-1/8		263
J SER 2	E08T2		1-02 *										263
J SER 2			1								4-1/8		263
J SSYN IN H	D08V1		1-01 *					1			1		264
J SSYN IN H	E08B1		1-02 *										264
J SSYN IN H			1								1-0/8		264
K A IN	D09H1		1-01 *					1			3-4/8		265
K A IN	E09M1		1-02 *										265
K A IN			1								3-4/8		265
K BG IN	D09U2		1-01 *					1			3-7/8		266
K BG IN	F09B1		1-02 *										266
K BG IN			1								3-7/8		266
K BG OUT	D09V2		1-01 *					1			3-7/8		267
K BG OUT	F09A1		1-02 *										267
K BG OUT			1								3-7/8		267
K BR OUT	D09J2		1-01 *					1			6-5/8		268
K BR OUT	F09P1		1-02 *					2			1		268
K BR OUT	F09U2		1-03 *										268
K BR OUT			1								7-5/8		268
K INT A	D09N1		1-01 *					1			6-3/8		269
K INT A	F09U1		1-02 *										269
K INT A			1								6-3/8		269
K INT B	C09J1		1-01 *					1			8-5/8		270
K INT B	F09K2		1-02 *										270
K INT B			1								8-5/8		270
K INT ENB A	D09M1		1-01 *					1			6-5/8		271
K INT ENB A	F09V1		1-02 *										271
K INT ENB A			1								6-5/8		271

DD11D,B RUN NAME	WRAPD .V35(102)=1 A/P PIN NAME	03-JUN=77 ORDER PIN	RAY = ORDER	Q	DRAW	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 48 EXCEPTIONS	RUN NUMBER
K INT ENB B	C09L1		1-01 *					1			8-1/8		272
K INT ENB B	F09H2		1-02 *										272
K INT ENB B			1								8-1/8		272
K OUT HIGP	D09K1		1-01 *					1			3-3/8		273
K OUT HIGP	E09M2		1-02 *										273
K OUT HIGP			1								3-3/8		273
K OUT LOW	D09D1		1-01 *					1			4		274
K OUT LOW	E09N1		1-02 *										274
K OUT LOW			1								4-0/8		274
K SEL 0	D09F1		1-01 *					1			4-1/8		275
K SEL 0	E09S2		1-02 *										275
K SEL 0			1								4-1/8		275
K SEL 4	D09E1		1-01 *					1			4-3/8		276
K SEL 4	E09R2		1-02 *										276
K SEL 4			1								4-3/8		276
K SEL 6	D09C1		1-01 *					1			4-4/8		277
K SEL 6	E09S1		1-02 *										277
K SEL 6			1								4-4/8		277
K SER 2	D09J1		1-01 *					1			4-1/8		278
K SER 2	E09T2		1-02 *										278
K SER 2			1								4-1/8		278
K SSYN IN H	D09V1		1-01 *					1			1		279
K SSYN IN H	E09B1		1-02 *										279
K SSYN IN H			1								1-0/8		279
LTC	C01D1		1-01 *	P				2			1		280
LTC	C02D1		1-02 *	P				1			1		280
LTC	C03D1		1-03 *	P				2			1		280
LTC	C04D1		1-04 *	P				1			1		280
LTC	C05D1		1-05 *	P				2			1		280
LTC	C06D1		1-06 *	P				1			1		280
LTC	C07D1		1-07 *	P				2			1		280
LTC	C08D1		1-08 *	P				1			1		280
LTC	C09D1		1-09 *	X									280
LTC			1								8-0/8		280
MSYN L (1)	B01V1		1-01 *					2			1		281
MSYN L (1)	B02V1		1-02 *					1			1		281
MSYN L (1)	B03V1		1-03 *					2			1		281
MSYN L (1)	B04V1		1-04 *	H				1	TW		8-1/8		281
MSYN L (1)	E01E1		1-05 *	P				2			1		281
MSYN L (1)	E02E1		1-06 *	P				1			1		281
MSYN L (1)	E03E1		1-07 *	P				2			1		281
MSYN L (1)	E04E1		1-08 *										281
MSYN L (1)			1								14-1/8		281

DD11D.B RUN NAME	WRAPD ,V35(102)-1 A/P PIN NAME	03-JUN-77 ORDER PIN	BAY = ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	7-JUL-78	9100 NC LENGTH FLAG	PAGE 49 EXCEPTIONS	RUN NUMBER
MSYN L (2)	E05E1	1-01 *	P					1			1		282
MSYN L (2)	E06E1	1-02 *	P					2			1		282
MSYN L (2)	E07E1	1-03 *	P					1			1		282
MSYN L (2)	E08E1	1-04 *	P					2			1		282
MSYN L (2)	E09E1	1-05 *	H					1	TW		8-3/8		282
MSYN L (2)	B05V1	1-06 *						2			1		282
MSYN L (2)	B06V1	1-07 *						1			1		282
MSYN L (2)	B07V1	1-08 *						2			1		282
MSYN L (2)	B08V1	1-09 *						1			1		282
MSYN L (2)	B09V1	1-10 *											282
MSYN L (2)		1									16-3/8		282
MSYN L (JMP)	E04E1	1-01 *						1			1		283
MSYN L (JMP)	E05E1	1-02 *											283
MSYN L (JMP)		1									1-0/8		283
NPG L	A01U1	1-01 *						1			3-6/8		284
NPG L	C01A1	1-02 *						2			0-1/8		284
NPG L	C01B1	1-03 *	P					2			0-5/8		284
NPG L	C02A1	1-04 *						1			0-1/8		284
NPG L	C02B1	1-05 *	P					2			0-5/8		284
NPG L	C03A1	1-06 *						1			0-1/8		284
NPG L	C03B1	1-07 *	P					2			0-5/8		284
NPG L	C04A1	1-08 *						1			0-1/8		284
NPG L	C04B1	1-09 *	P					2			0-5/8		284
NPG L	C05A1	1-10 *						1			0-1/8		284
NPG L	C05B1	1-11 *	P					2			0-5/8		284
NPG L	C06A1	1-12 *						1			0-1/8		284
NPG L	C06B1	1-13 *	P					2			0-5/8		284
NPG L	C07A1	1-14 *						1			0-1/8		284
NPG L	C07B1	1-15 *	P					2			0-5/8		284
NPG L	C08A1	1-16 *						1			0-1/8		284
NPG L	C08B1	1-17 *	P					2			0-5/8		284
NPG L	C09A1	1-18 *						1			0-1/8		284
NPG L	C09B1	1-19 *						2			3-7/8		284
NPG L	A09U1	1-20 *											284
NPG L		1									13-6/8		284

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NC LENGTH EXCEPTIONS RUN  
FLAG NUMBER

NPR L	A01S2	1-01 *		1		1	205
NPR L	A02S2	1-02 *		2		1	205
NPR L	A03S2	1-03 *		1		1	205
NPR L	A04S2	1-04 *		2		1	205
NPR L	A05S2	1-05 *		1		1	205
NPR L	A06S2	1-06 *		2		1	205
NPR L	A07S2	1-07 *		1		1	205
NPR L	A08S2	1-08 *		2		1	205
NPR L	A09S2	1-09 *	H	2	TW PR	12-7/8	205
NPR L	F09J1	1-10 *	P	2		1	205
NPR L	F00J1	1-11 *	P	1		1	205
NPR L	F07J1	1-12 *	P	2		1	205
NPR L	F06J1	1-13 *	P	1		1	205
NPR L	F05J1	1-14 *	P	2		1	205
NPR L	F04J1	1-15 *	P	1		1	205
NPR L	F03J1	1-16 *	P	2		1	205
NPR L	F02J1	1-17 *	P	1		1	205
NPR L	F01J1	1-18 *					205
NPR L		1				28-7/8	205
PA L	A09M1	1-01 *	P	2		1	206
PA L	A08M1	1-02 *	P	1		1	206
PA L	A07M1	1-03 *	P	2		1	206
PA L	A06M1	1-04 *	P	1		1	206
PA L	A05M1	1-05 *		2		1	206
PA L	A04M1	1-06 *	P	2		1	206
PA L	A03M1	1-07 *	P	1		1-4/8	206
PA L	A01M1	1-08 *	P	1		1	206
PA L	A02M1	1-09 *		2		4-6/8	206
PA L	C02C1	1-10 *	P	2		1	206
PA L	C01C1	1-11 *		1		1-4/8	206
PA L	C03C1	1-12 *		2		1	206
PA L	C04C1	1-13 *		1		1	206
PA L	C05C1	1-14 *		2		1	206
PA L	C06C1	1-15 *		1		1	206
PA L	C07C1	1-16 *		2		1	206
PA L	C08C1	1-17 *		1		1	206
PA L	C09C1	1-18 *					206
PA L		1				21-6/8	206
PAR DET	B02E2	1-01 *		2		1	207
PAR DET	B03E2	1-02 *		1		1	207
PAR DET	B04E2	1-03 *		2		1	207
PAR DET	B05E2	1-04 *		1		1	207
PAR DET	B06E2	1-05 *		2		1	207
PAR DET	B07E2	1-06 *		1		1	207
PAR DET	B08E2	1-07 *					207
PAR DET		1				6-0/8	207

9:00 PAGE 51  
NC LENGTH EXCEPTIONS RUN  
FLAG NUMBER

PAR P0	A02P1	1-01 *	P	2	1	288
PAR P0	A03P1	1-02 *	P	:	1	288
PAR P0	A04P1	1-03 *	P	2	1	288
PAR P0	A05P1	1-04 *	P	1	1	288
PAR P0	A06P1	1-05 *	P	2	1	288
PAR P0	A07P1	1-06 *	P	1	1	268
PAR P0	A08P1	1-07 *	X			288
PAR P0		1			6-0/8	288
PAR P1	A02N1	1-01 *	P	2	1	289
PAR P1	A03N1	1-02 *	P	1	1	289
PAR P1	A04N1	1-03 *	P	2	1	289
PAR P1	A05N1	1-04 *	P	1	1	289
PAR P1	A06N1	1-05 *	P	2	1	289
PAR P1	A07N1	1-06 *	P	1	1	289
PAR P1	A08N1	1-07 *	X			289
PAR P1		1			6-0/8	289
PB L	A09N2	1-01 *		1	1	290
PB L	A08N2	1-02 *	P	2	1	290
PB L	A07N2	1-03 *	P	1	1	290
PB L	A06N2	1-04 *	P	2	1	290
PB L	A05N2	1-05 *		1	1	290
PB L	A04N2	1-06 *	P	1	2	290
PB L	A01N2	1-07 *	P	2	1	290
PB L	A02N2	1-08 *	P	1	1	290
PB L	A03N2	1-09 *		2	6-3/8	290
PB L	C03S1	1-10 *	P	2	1-4/8	290
PB L	C01S1	1-11 *	P	2	1	290
PB L	C02S1	1-12 *	P	1	1-4/8	290
PB L	C04S1	1-13 *	P	1	1	290
PB L	C05S1	1-14 *	P	2	1	290
PB L	C06S1	1-15 *	P	1	1	290
PB L	C07S1	1-16 *	P	2	1	290
PB L	C08S1	1-17 *	P	1	1	290
PB L	C09S1	1-18 *				290
PB L		1			24-3/8	290
RESERVED M BUS	B02A1	1-01 *	P	2	1	291
RESERVED M BUS	B03A1	1-02 *	P	1	1	291
RESERVED M BUS	B04A1	1-03 *	P	2	1	291
RESERVED M BUS	B05A1	1-04 *	P	1	1	291
RESERVED M BUS	B06A1	1-05 *	P	2	1	291
RESERVED M BUS	B07A1	1-06 *	P	1	1	291
RESERVED M BUS	B08A1	1-07 *	X			291
RESERVED M BUS		1			6-0/8	291



DD11D,H		WRAPD ,V35(102)=1		03-JUN=77		7-JUL=78		9100		PAGE 52		RUN					
RUN NAME		A/P	PIN	ORDER	BAY =	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC	LENGTH	EXCEPTIONS	NUMBER
			NAME	PIN	ORDER		OPT							FLAG			
SACK	L		A01R2		1-01 *	P						1			1		292
SACK	L		A02R2		1-02 *	P						2			1		292
SACK	L		A03R2		1-03 *	P						1			1		292
SACK	L		A04R2		1-04 *							2			15-3/8		292
SACK	L		F01T2		1-05 *	P						1			1		292
SACK	L		F02T2		1-06 *	P						2			1		292
SACK	L		F03T2		1-07 *	P						1			1		292
SACK	L		F04T2		1-08 *	H						2	2FTTW		1		292
SACK	L		F05T2		1-09 *	P						1			1		292
SACK	L		F06T2		1-10 *	P						2			1		292
SACK	L		F07T2		1-11 *	P						1			1		292
SACK	L		F08T2		1-12 *	P						2			1		292
SACK	L		F09T2		1-13 *							1			15-7/8		292
SACK	L		A05R2		1-14 *	P						2			1		292
SACK	L		A06R2		1-15 *	P						1			1		292
SACK	L		A07R2		1-16 *	P						1			1		292
SACK	L		A08R2		1-17 *	P						2			1		292
SACK	L		A09R2		1-18 *	X											292
SACK	L				1										46-2/8		292
SSYN	L (1)		B01U1		1-01 *	P						1			1		293
SSYN	L (1)		B02U1		1-02 *	P						2			1		293
SSYN	L (1)		B03U1		1-03 *	P						1			1		293
SSYN	L (1)		B04U1		1-04 *	H						2	TW		8-3/8		293
SSYN	L (1)		E01J1		1-05 *	P						1			1		293
SSYN	L (1)		E02J1		1-06 *	P						2			1		293
SSYN	L (1)		E03J1		1-07 *	P						1			1		293
SSYN	L (1)		E04J1		1-08 *							2			2-5/8		293
SSYN	L (1)		F04C1		1-09 *	P						2			1		293
SSYN	L (1)		F03C1		1-10 *	P						1			1		293
SSYN	L (1)		F02C1		1-11 *	P						2			1		293
SSYN	L (1)		F01C1		1-12 *												293
SSYN	L (1)				1										20-0/8		293
SSYN	L (2)		B09U1		1-01 *	P						1			1		294
SSYN	L (2)		B08U1		1-02 *	P						1			1		294
SSYN	L (2)		B07U1		1-03 *	P						2			1		294
SSYN	L (2)		B06U1		1-04 *	P						1			1		294
SSYN	L (2)		B05U1		1-05 *	H						2	TW		9-1/8		294
SSYN	L (2)		E09J1		1-06 *	P						1			1		294
SSYN	L (2)		E08J1		1-07 *	P						2			1		294
SSYN	L (2)		E07J1		1-08 *	P						1			1		294
SSYN	L (2)		E06J1		1-09 *	P						2			1		294
SSYN	L (2)		E05J1		1-10 *							1			2-5/8		294
SSYN	L (2)		F05C1		1-11 *	P						1			1		294
SSYN	L (2)		F06C1		1-12 *	P						2			1		294
SSYN	L (2)		F07C1		1-13 *	P						1			1		294
SSYN	L (2)		F08C1		1-14 *	P						2			1		294
SSYN	L (2)		F09C1		1-15 *	X											294
SSYN	L (2)				1										23-6/8		294
SSYN	L JM		F05C1		1-01 *	H						1	2FTTW		1		295
SSYN	L JM		F04C1		1-02 *												295
SSYN	L JM				1										1-0/8		295

BLANK